

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100150.D
 Acq On : 22 Jun 2019 1:34
 Operator : JU/SJ
 Sample : K3428-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW161-061319

Quant Time: Jun 22 03:26:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	726	0.40	ng	-0.02
7) Naphthalene-d8	10.52	136	2953	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2573	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	7399	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9112	0.40	ng	0.00
34) Perylene-d12	23.83	264	11293	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.30	112	587	0.39	ng	0.00
5) Phenol-d6	6.90	99	863	0.42	ng	-0.03
8) Nitrobenzene-d5	8.90	82	859	0.30	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	160	0.03	ng	-0.02
14) 2,4,6-Tribromophenol	15.90	330	553	0.39	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2688	0.27	ng	-0.02
25) Fluoranthene-d10	19.19	212	2084	0.02	ng	0.00
29) Terphenyl-d14	19.79	244	5160	0.28	ng	-0.02

Target Compounds

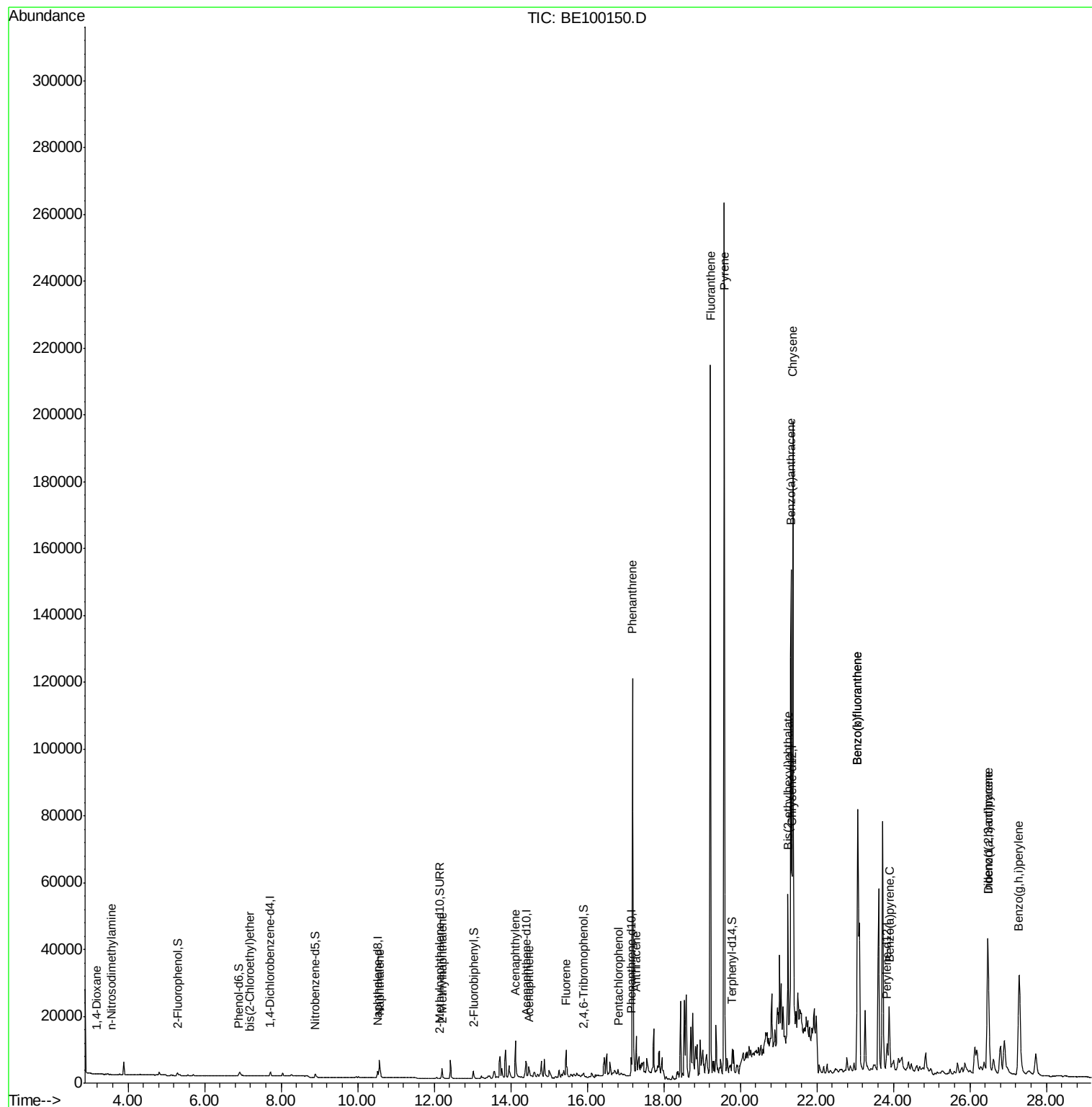
						Qvalue
2) 1,4-Dioxane	3.19	88	32	0.027	ng	# 27
3) n-Nitrosodimethylamine	3.57	42	13	0.358	ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	11	0.039	ng	# 1
9) Naphthalene	10.58	128	9442	0.294	ng	99
12) 2-Methylnaphthalene	12.21	142	2468	0.468	ng	96
16) Acenaphthylene	14.12	152	12787	1.047	ng	98
17) Acenaphthene	14.47	154	1587	0.232	ng	93
18) Fluorene	15.45	166	6700	0.659	ng	# 85
22) Pentachlorophenol	16.81	266	8	0.247	ng	96
23) Phenanthrene	17.19	178	128909	7.272	ng	99
24) Anthracene	17.28	178	11875	0.794	ng	98
26) Fluoranthene	19.22	202	188848	6.636	ng	98
28) Pyrene	19.58	202	240705	10.278	ng	96
30) Benzo(a)anthracene	21.33	228	133073	4.909	ng	94
31) Chrysene	21.38	228	164658	5.228	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	39967	1.563	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	81765	2.307	ng	# 98
35) Benzo(b)fluoranthene	23.07	252	158039	4.769	ng	# 98
36) Benzo(k)fluoranthene	23.07	252	158039	4.192	ng	99
37) Benzo(a)pyrene	23.89	252	23798	0.744	ng	93
38) Dibenzo(a,h)anthracene	26.48	278	22255	0.679	ng	# 90
39) Benzo(g,h,i)perylene	27.29	276	86565	2.541	ng	# 96

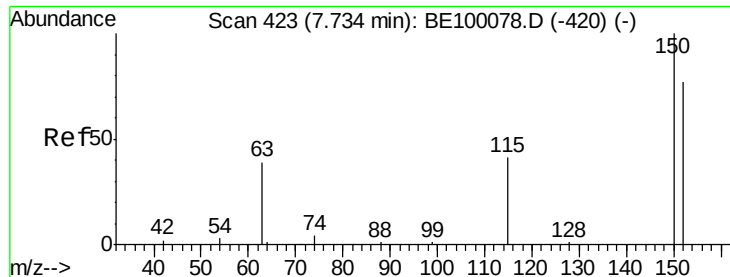
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 421

Delta R.T. -0.02 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW161-061319

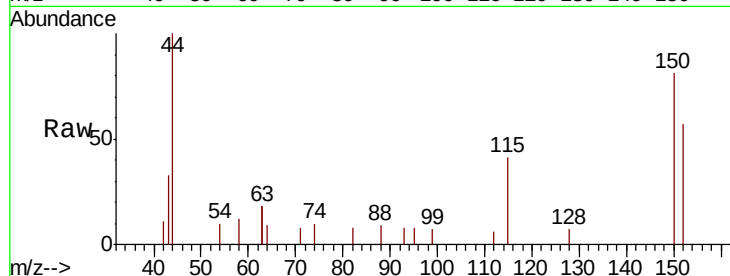
Tgt Ion: 152 Resp: 726

Ion Ratio Lower Upper

152 100

150 143.2 99.8 149.8

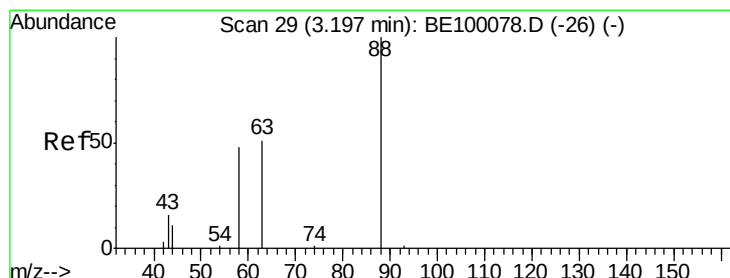
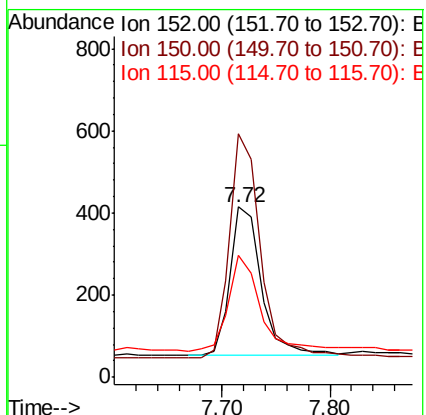
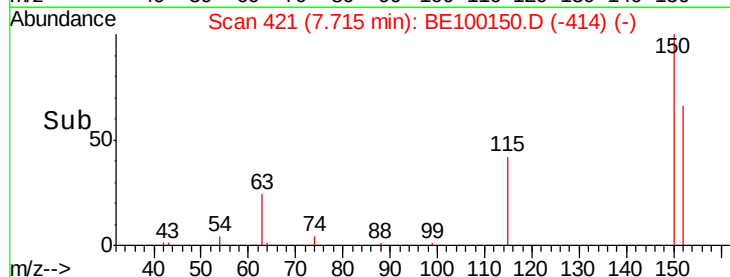
115 72.0 51.3 76.9



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: 0.027 ng

RT: 3.19 min Scan# 28

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

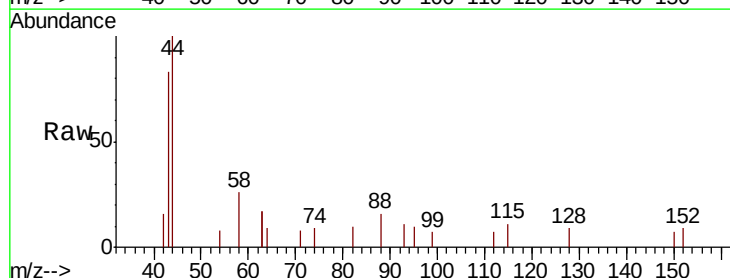
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

58 0.0 51.1 76.7#

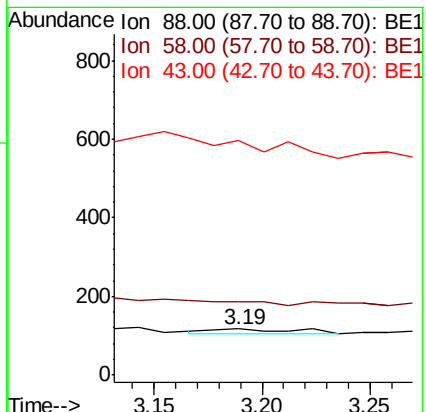
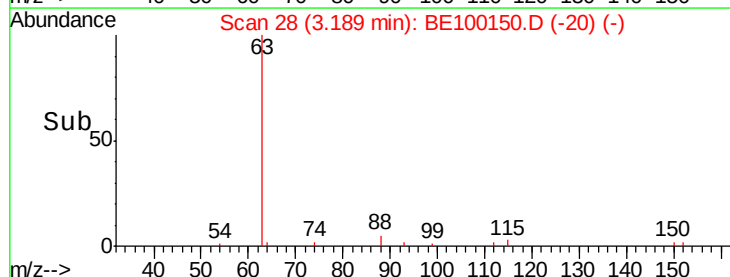
43 0.0 21.7 32.5#

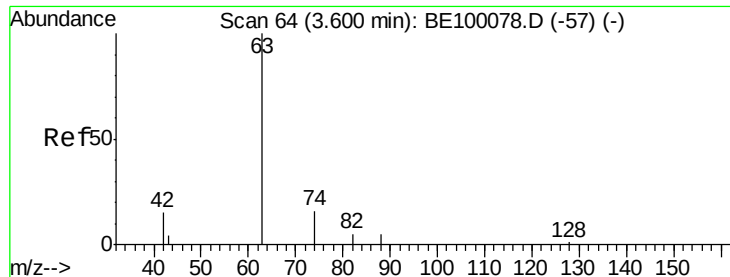


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.358 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

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ClientSampleId :

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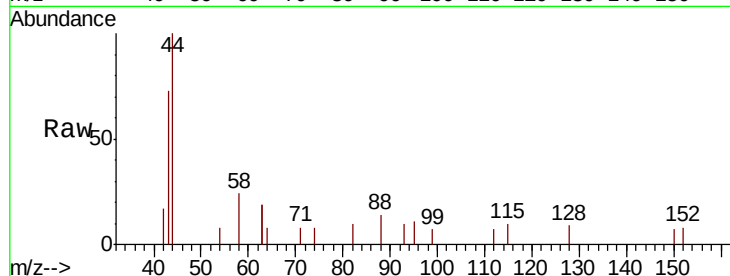
Tgt Ion: 42 Resp: 13

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

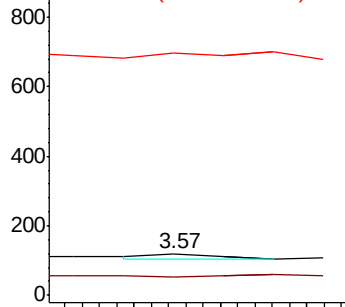
44 0.0 0.0 0.0



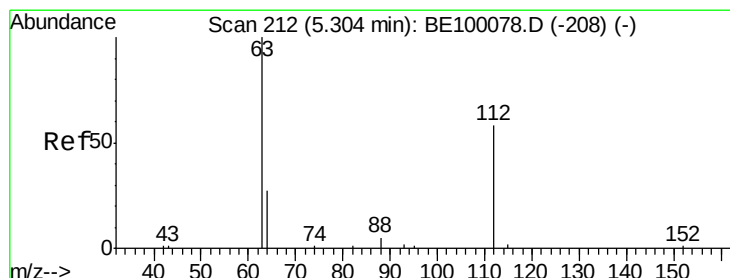
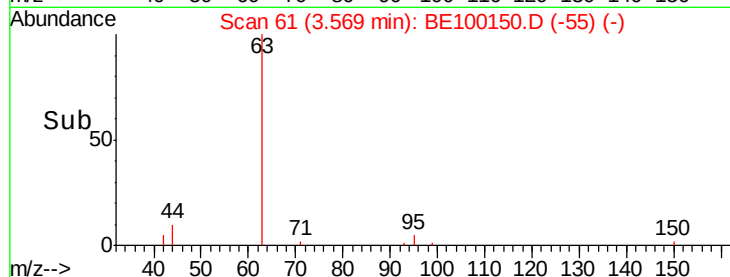
Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



Time-->



#4

2-Fluorophenol

Concen: 0.390 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

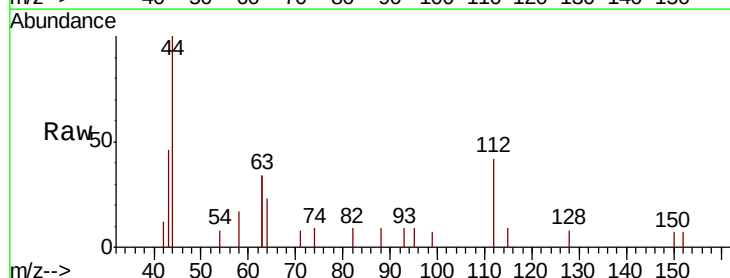
Tgt Ion: 112 Resp: 587

Ion Ratio Lower Upper

112 100

64 52.5 22.0 33.0#

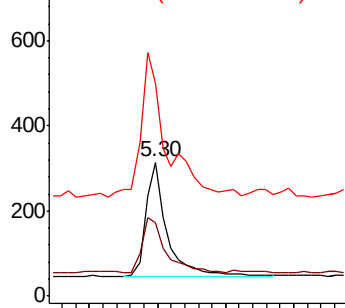
63 151.3 121.8 182.6



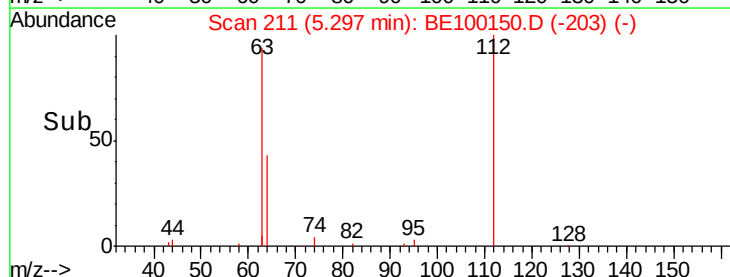
Abundance Ion 112.00 (111.70 to 112.70): E

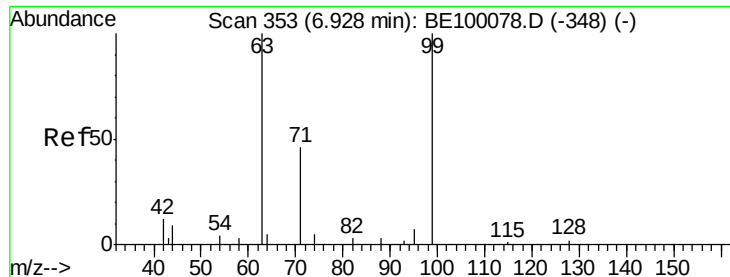
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



Time-->





#5

Phenol-d6

Concen: 0.417 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW161-061319

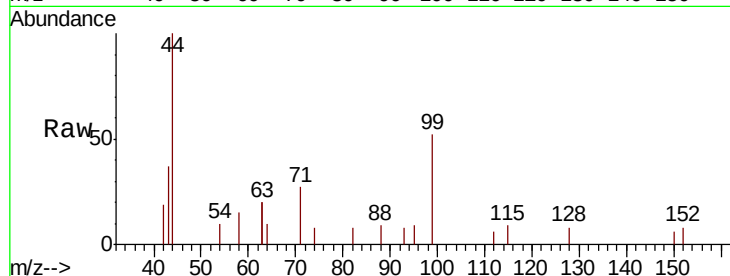
Tgt Ion: 99 Resp: 863

Ion Ratio Lower Upper

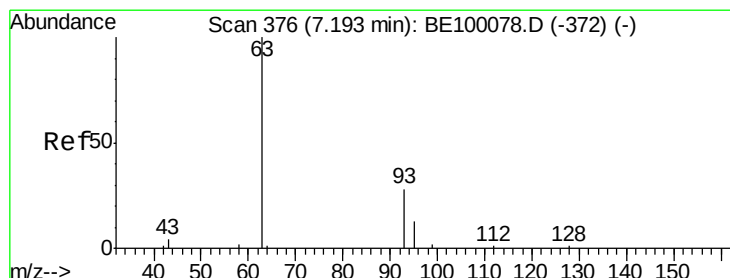
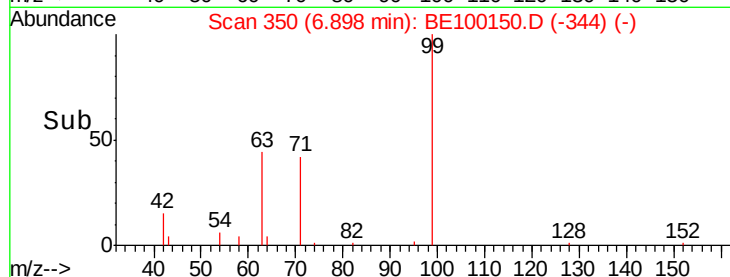
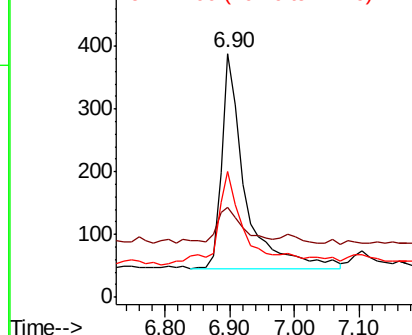
99 100

42 16.3 0.0 0.0#

71 35.7 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.19 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

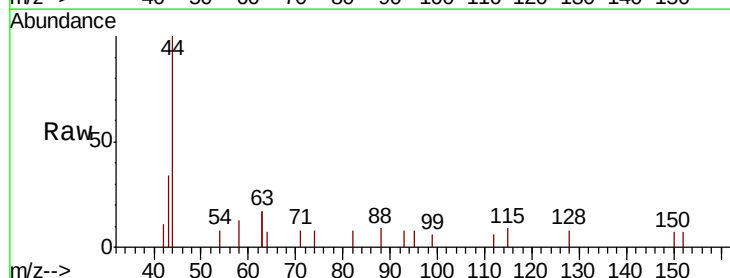
Tgt Ion: 93 Resp: 11

Ion Ratio Lower Upper

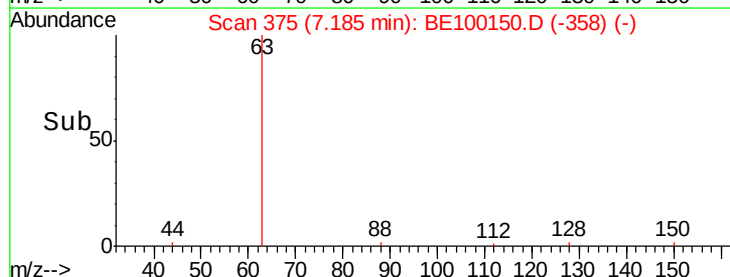
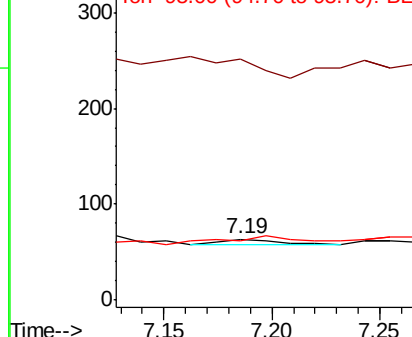
93 100

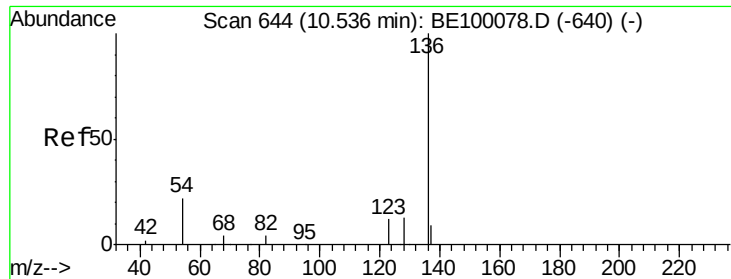
63 0.0 200.0 300.0#

95 209.1 24.0 36.0#



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW161-061319

Tgt Ion: 136 Resp: 2953

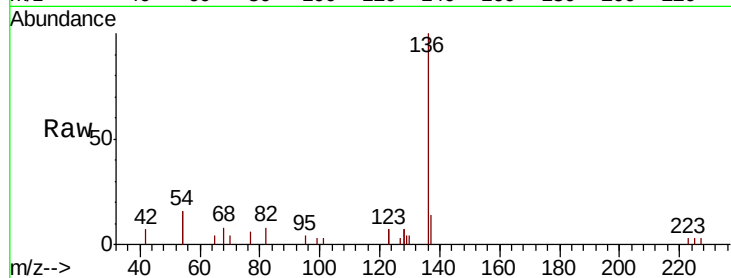
Ion Ratio Lower Upper

136 100

137 14.2 11.6 17.4

54 31.8 33.9 50.9#

68 8.4 7.8 11.8

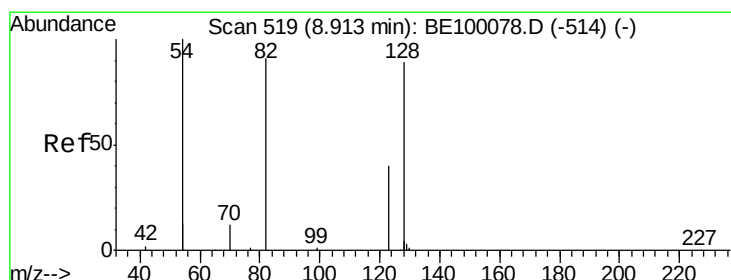
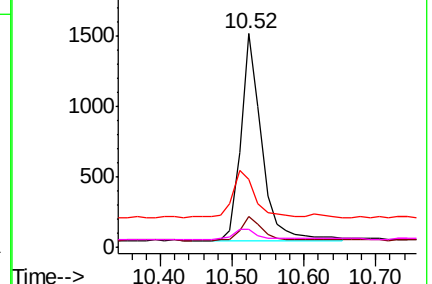
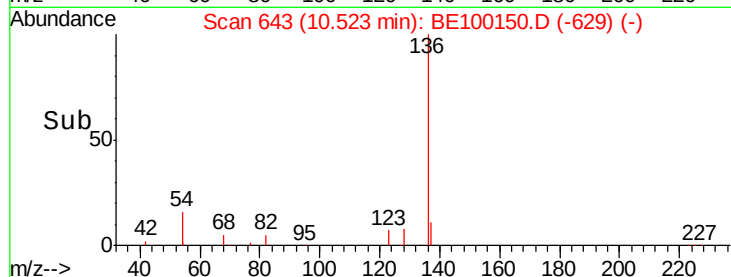


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.300 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

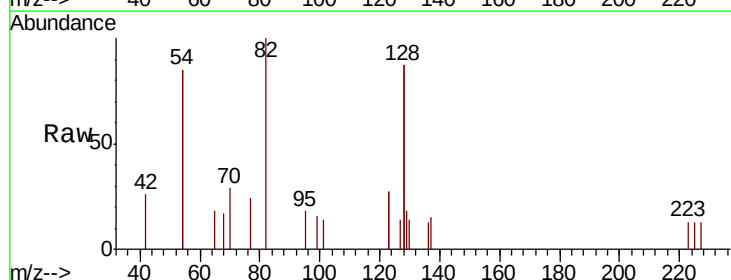
Tgt Ion: 82 Resp: 859

Ion Ratio Lower Upper

82 100

128 174.2 128.0 192.0

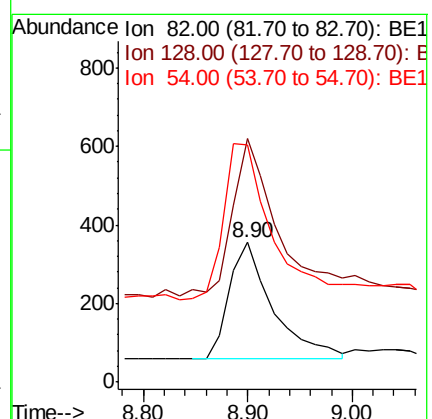
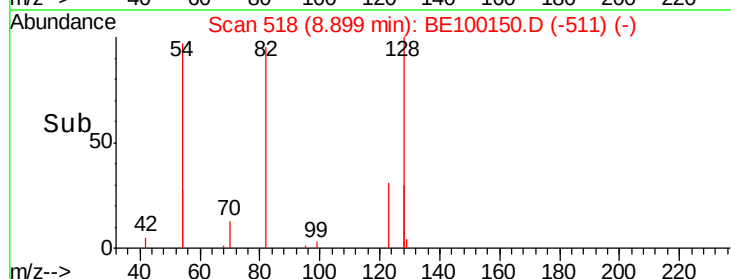
54 169.7 143.4 215.0

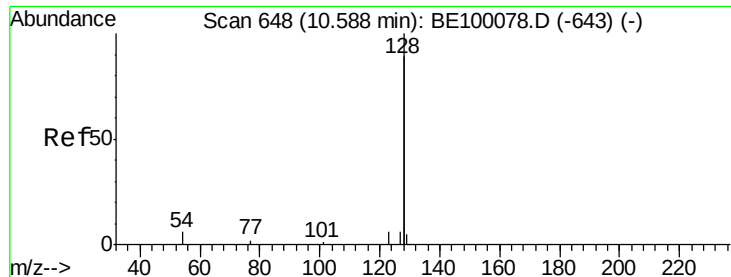


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.294 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

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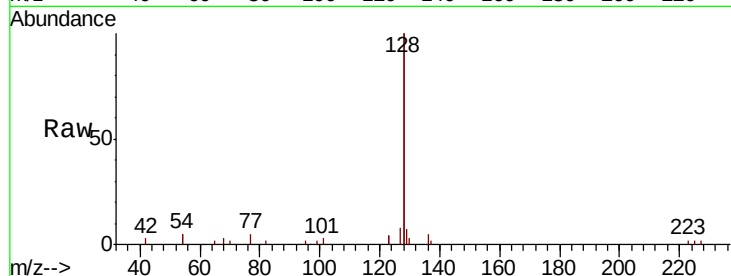
Tgt Ion:128 Resp: 9442

Ion Ratio Lower Upper

128 100

129 3.6 3.1 4.7

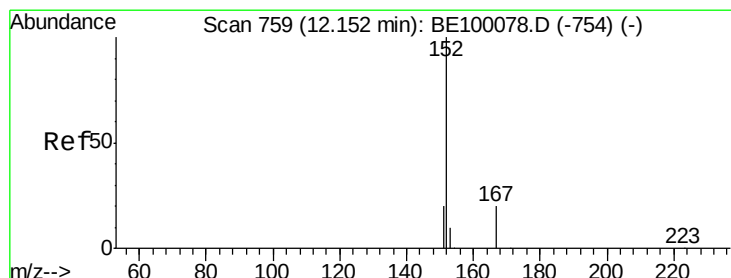
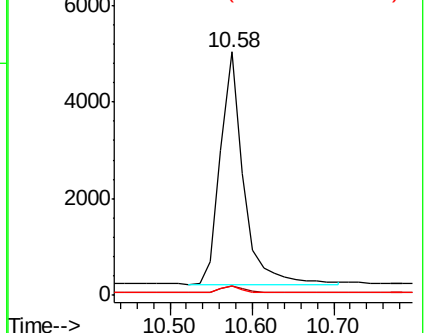
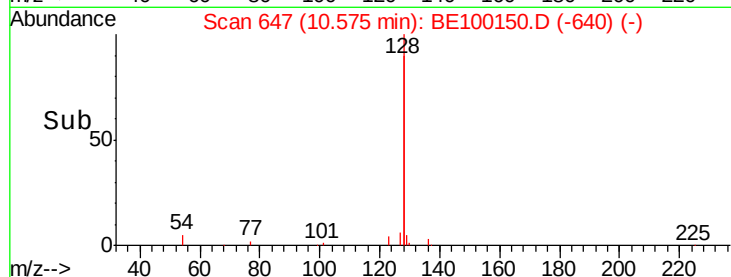
127 4.0 3.4 5.2



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



#11

2-Methylnaphthalene-d10

Concen: 0.028 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.02 min

Lab File: BE100150.D

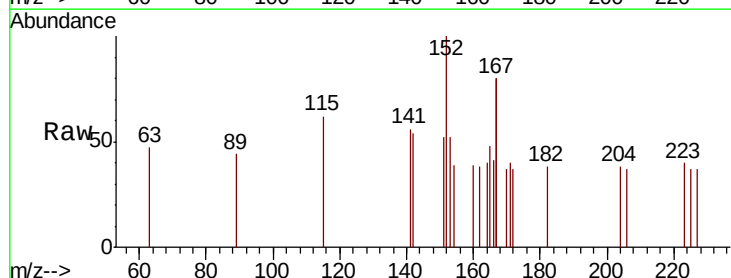
Acq: 22 Jun 2019 1:34

Tgt Ion:152 Resp: 160

Ion Ratio Lower Upper

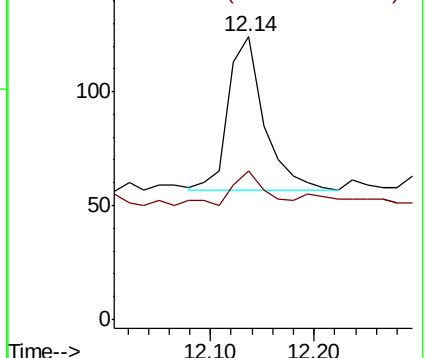
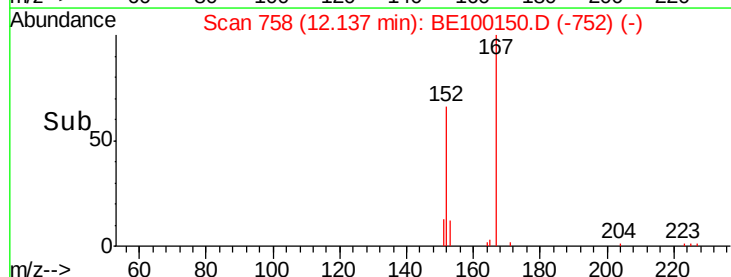
152 100

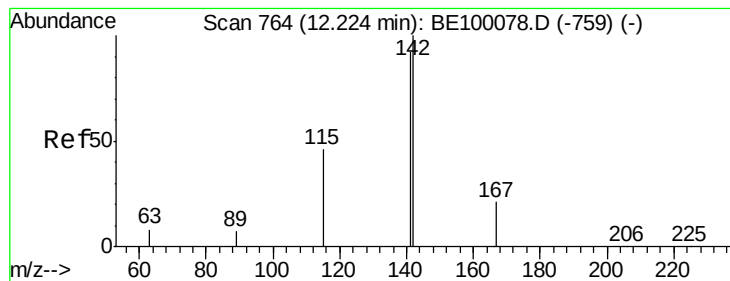
151 21.9 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.468 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

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ClientSampleId :

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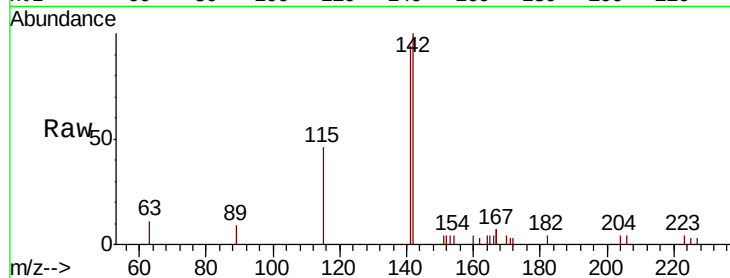
Tgt Ion:142 Resp: 2468

Ion Ratio Lower Upper

142 100

141 94.0 74.1 111.1

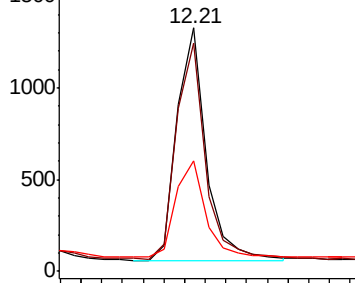
115 45.6 40.9 61.3



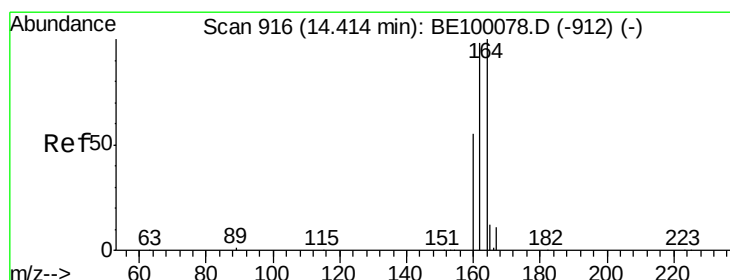
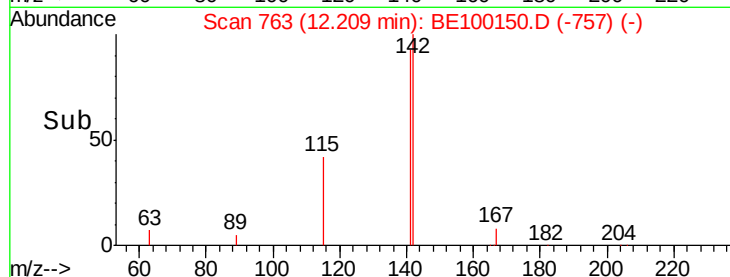
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

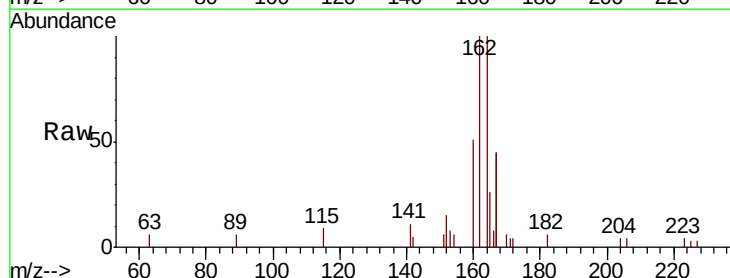
Tgt Ion:164 Resp: 2573

Ion Ratio Lower Upper

164 100

162 99.9 78.2 117.2

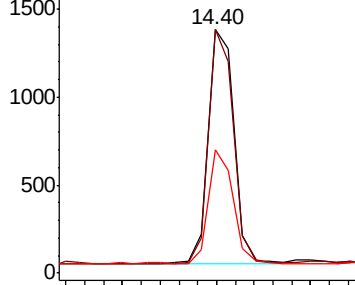
160 50.8 45.6 68.4



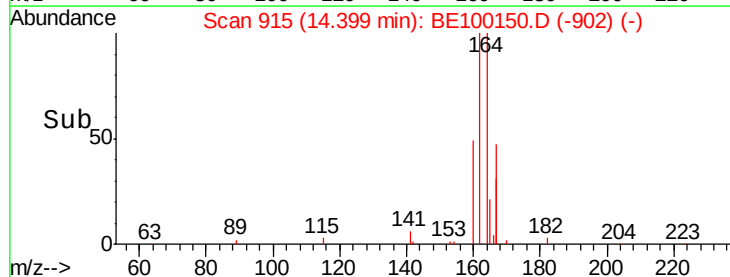
Abundance Ion 164.00 (163.70 to 164.70): E

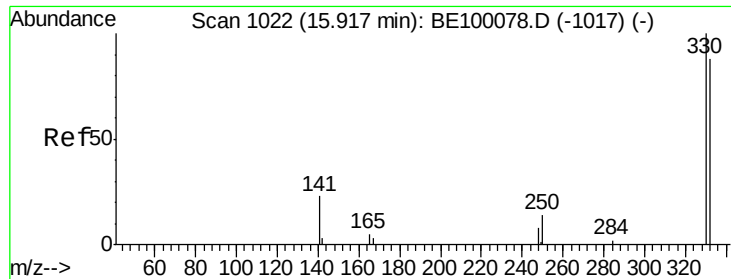
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#14

2,4,6-Tribromophenol

Concen: 0.389 ng

RT: 15.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

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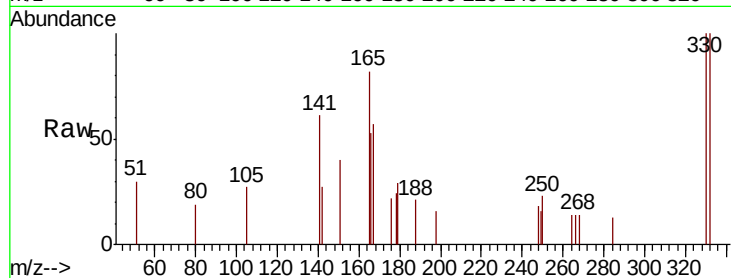
Tgt Ion:330 Resp: 553

Ion Ratio Lower Upper

330 100

332 94.0 73.3 109.9

141 114.8 22.2 33.2#

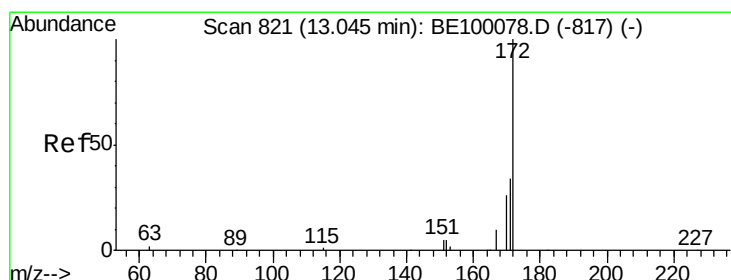
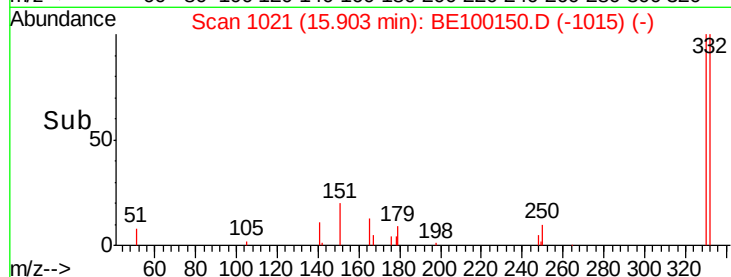
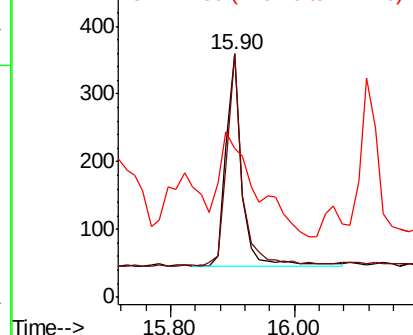


Abundance

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: 0.266 ng

RT: 13.03 min Scan# 820

Delta R.T. -0.02 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

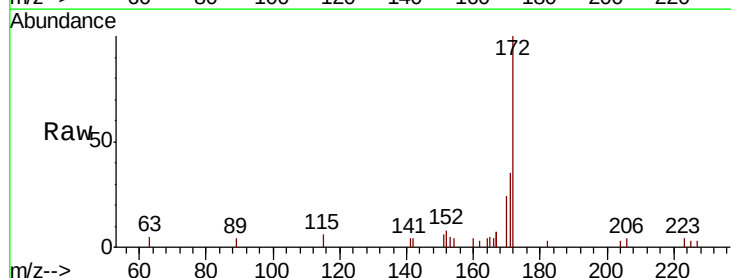
Tgt Ion:172 Resp: 2688

Ion Ratio Lower Upper

172 100

171 34.9 29.8 44.8

170 24.5 23.2 34.8

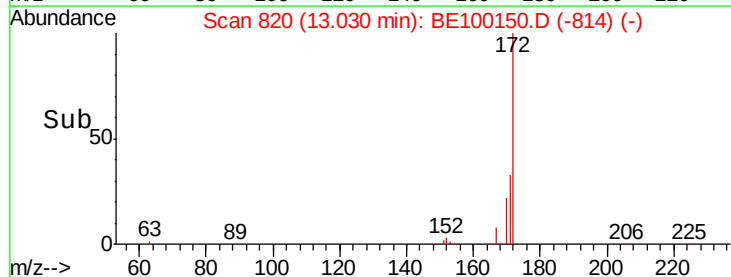
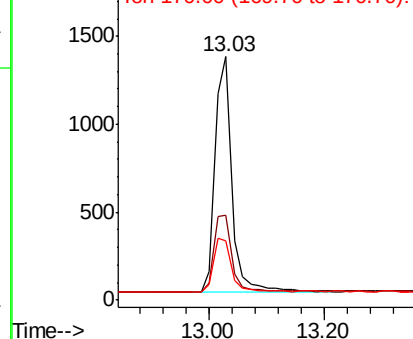


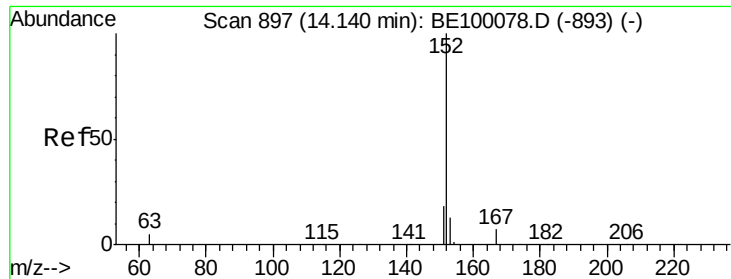
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

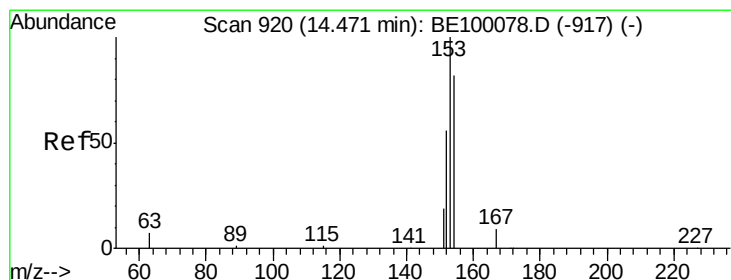
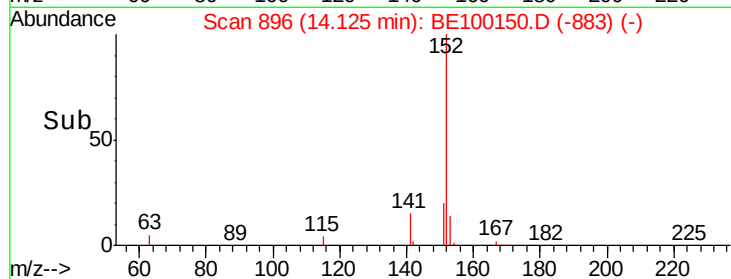
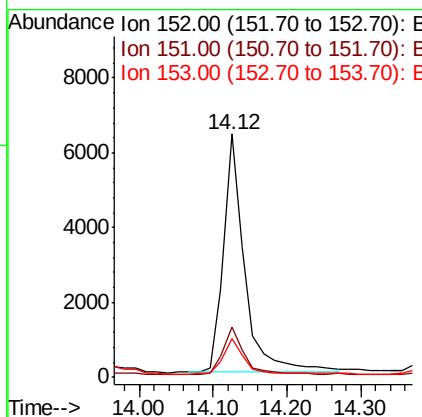
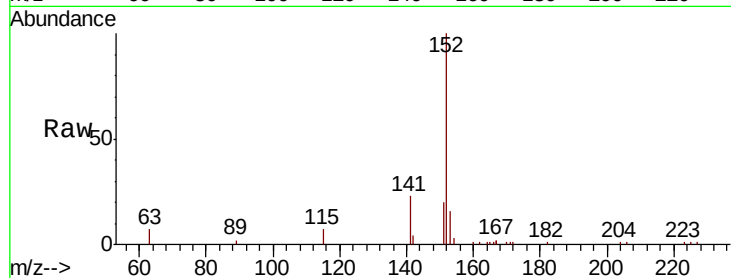




#16
Acenaphthylene
Concen: 1.047 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.02 min
Lab File: BE100150.D
Acq: 22 Jun 2019 1:34

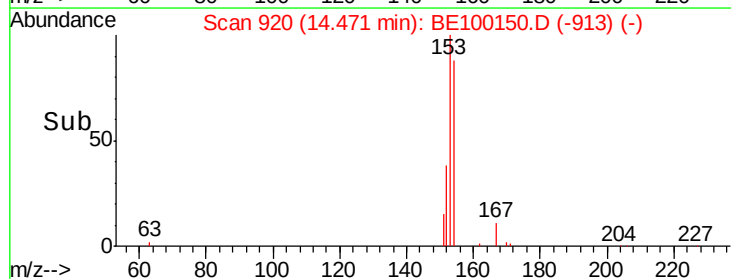
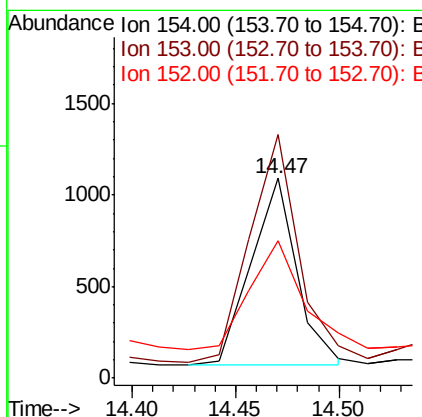
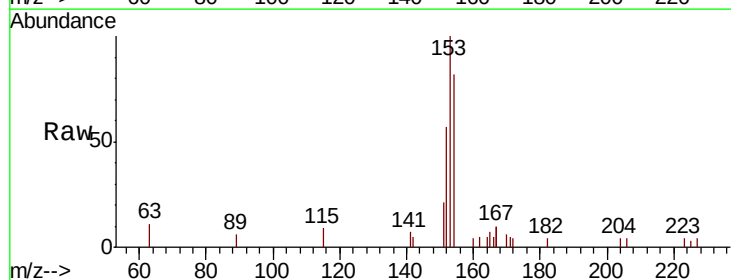
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW161-061319

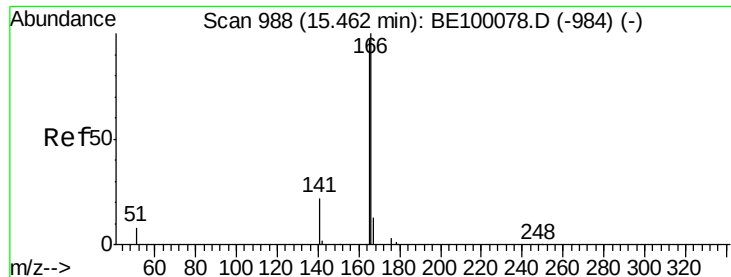
Tgt Ion:152 Resp: 12787
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.3 10.1 15.1



#17
Acenaphthene
Concen: 0.232 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100150.D
Acq: 22 Jun 2019 1:34

Tgt Ion:154 Resp: 1587
Ion Ratio Lower Upper
154 100
153 130.2 95.5 143.3
152 67.4 54.9 82.3

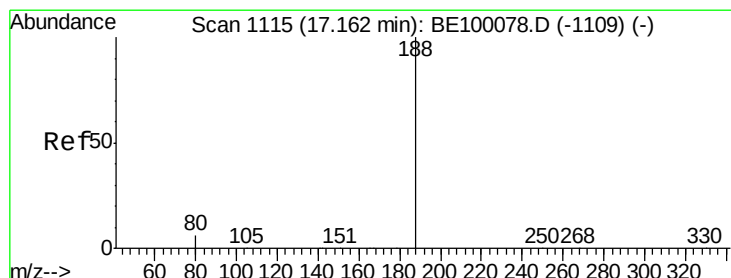
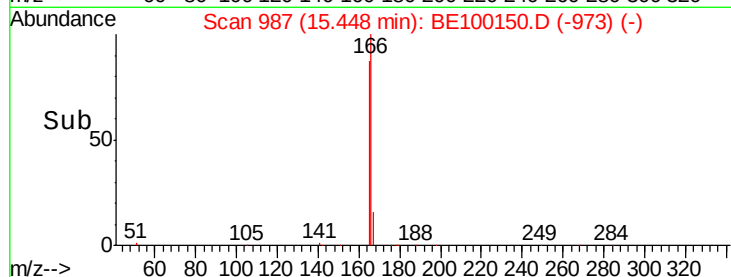
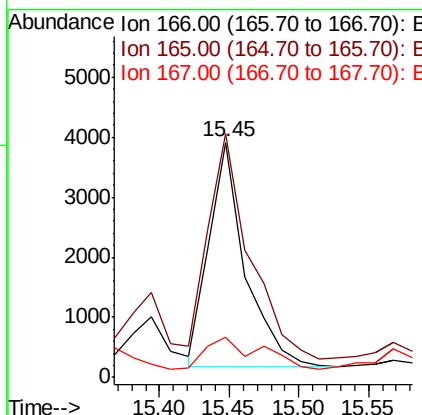
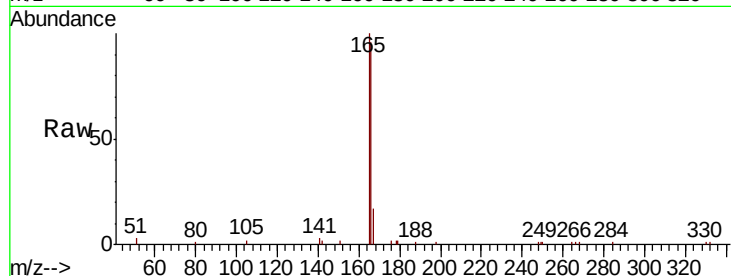




#18
 Fluorene
 Concen: 0.659 ng
 RT: 15.45 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

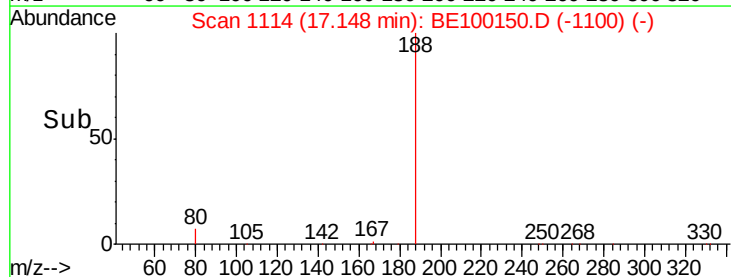
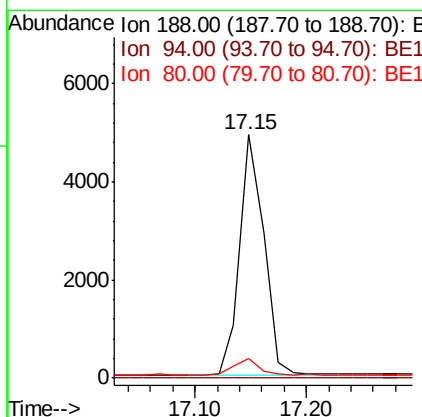
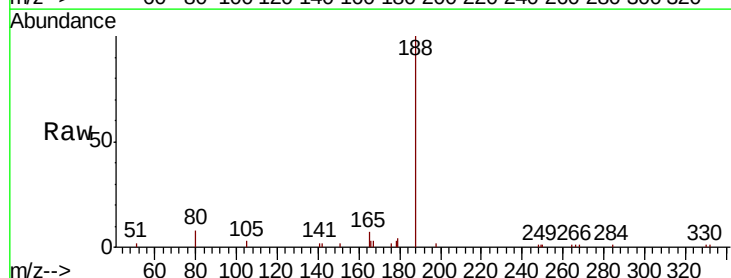
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW161-061319

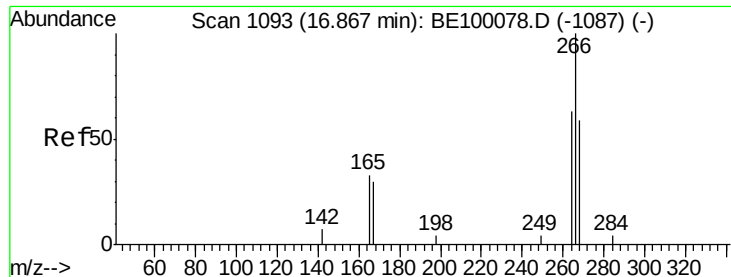
Tgt Ion:166 Resp: 6700
 Ion Ratio Lower Upper
 166 100
 165 113.4 79.8 119.8
 167 22.3 10.2 15.4#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.15 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

Tgt Ion:188 Resp: 7399
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 8.0 6.3 9.5

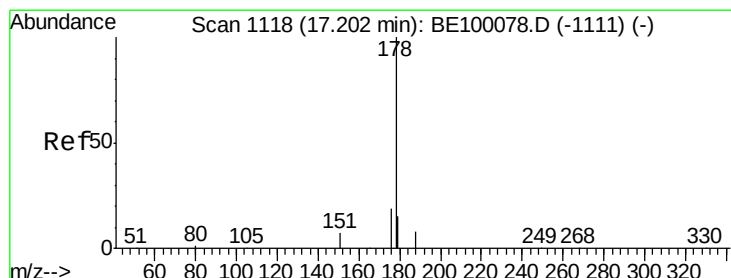
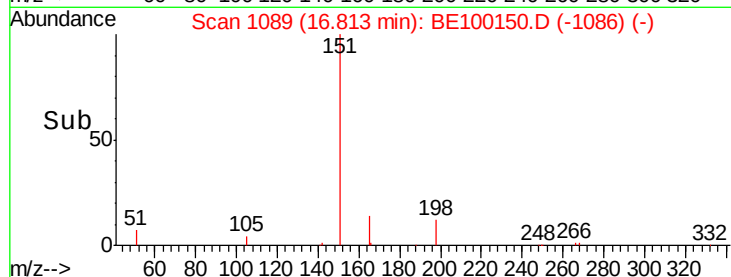
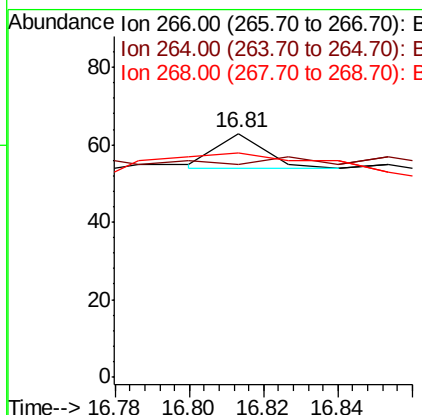
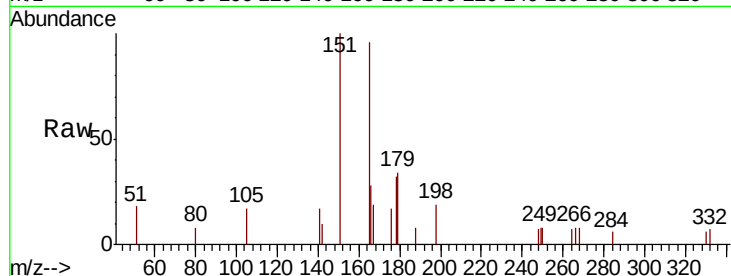




#22
 Pentachlorophenol
 Concen: 0.247 ng
 RT: 16.81 min Scan# 1089
 Delta R.T. -0.05 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

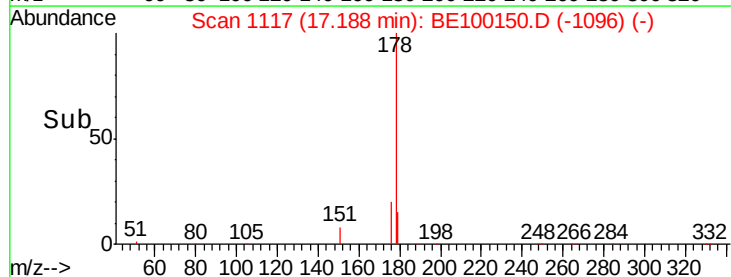
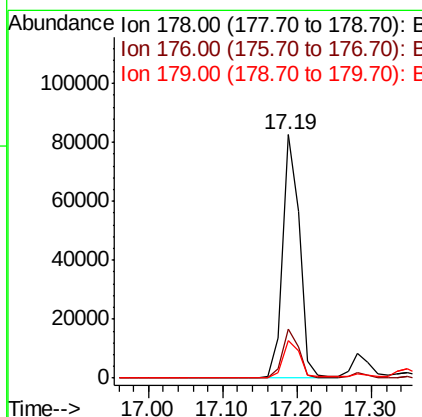
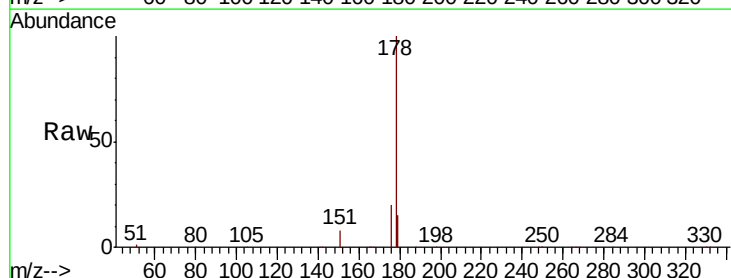
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW161-061319

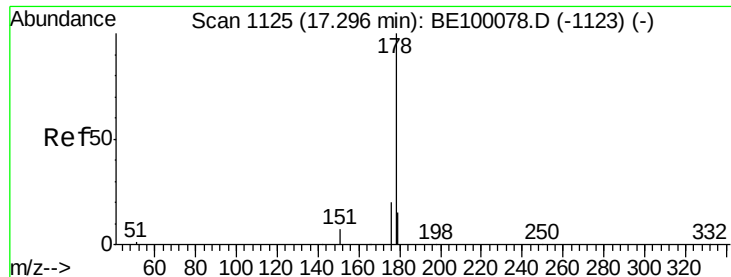
Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 87.3 67.8 101.6
 268 92.1 70.0 105.0



#23
 Phenanthrene
 Concen: 7.272 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

Tgt Ion: 178 Resp: 128909
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.7 13.1 19.7





#24

Anthracene

Concen: 0.794 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW161-061319

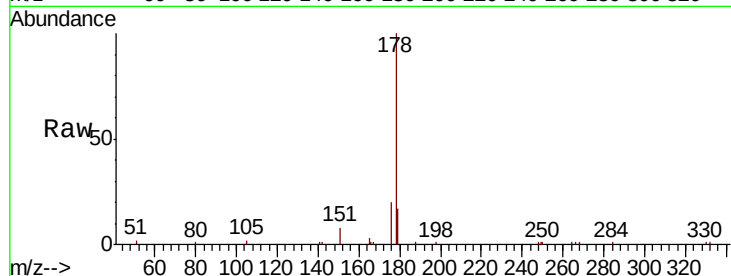
Tgt Ion:178 Resp: 11875

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

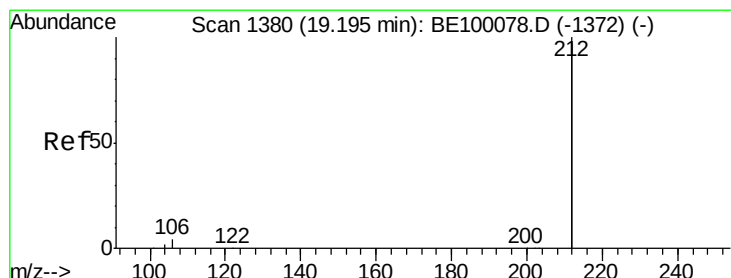
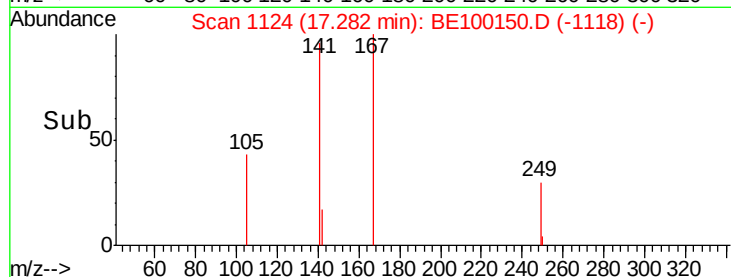
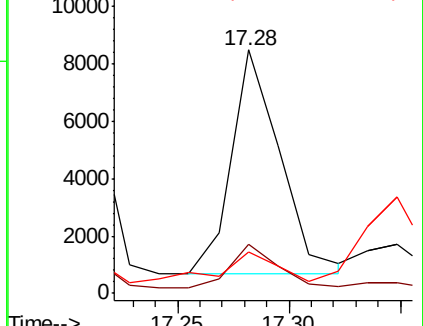
179 14.4 12.0 18.0



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: 0.020 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

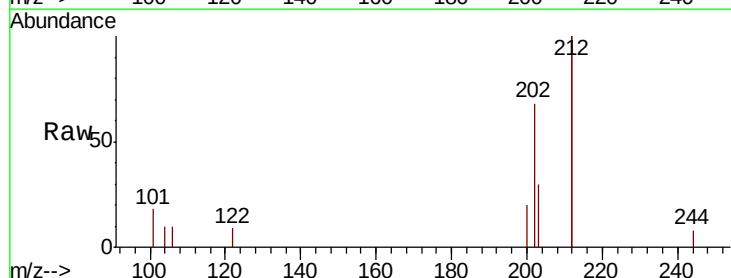
Tgt Ion:212 Resp: 2084

Ion Ratio Lower Upper

212 100

106 1.5 1.4 2.0

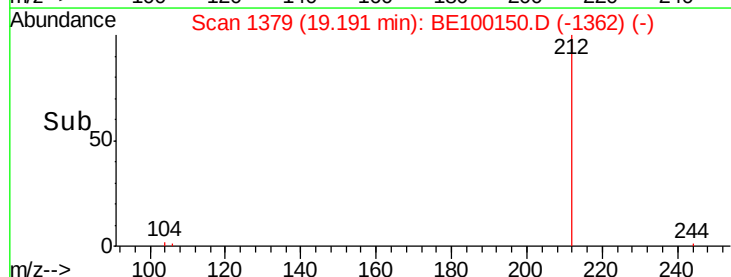
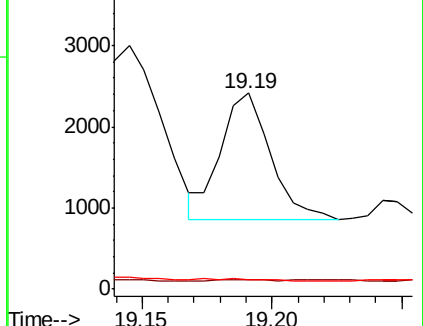
104 2.7 0.8 1.2#

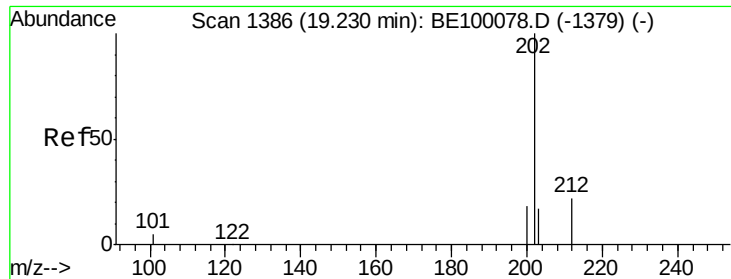


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

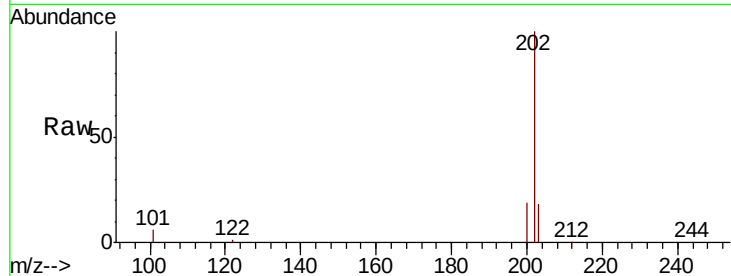




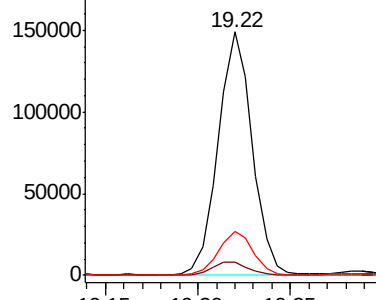
#26
Fluoranthene
Concen: 6.636 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100150.D
Acq: 22 Jun 2019 1:34

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW161-061319

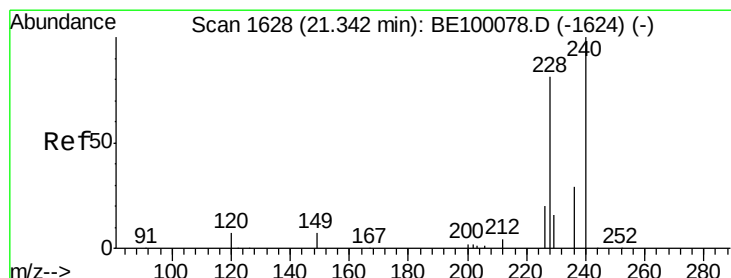
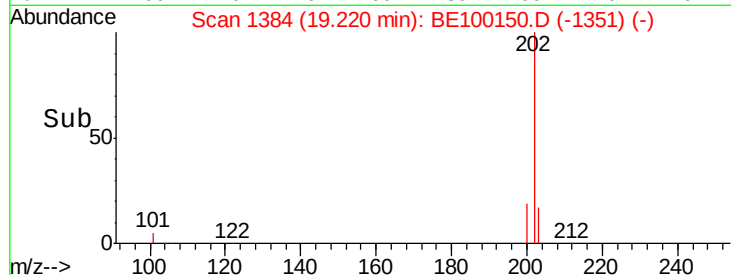
Tgt Ion: 202 Resp: 188848
Ion Ratio Lower Upper
202 100
101 5.8 5.0 7.4
203 18.0 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
200000 Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

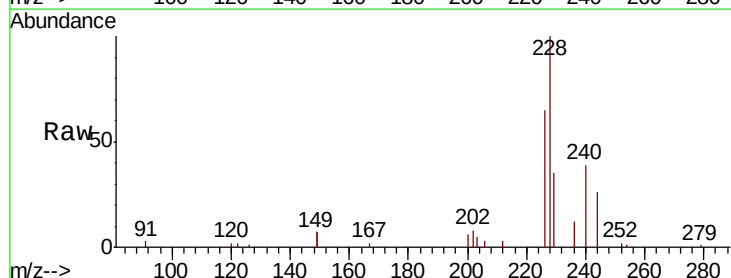


Time--> 19.15 19.20 19.25

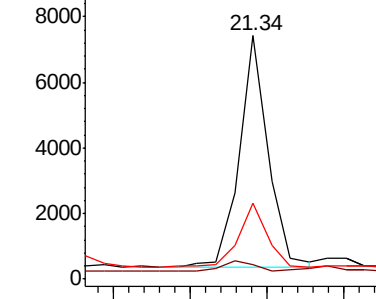


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.00 min
Lab File: BE100150.D
Acq: 22 Jun 2019 1:34

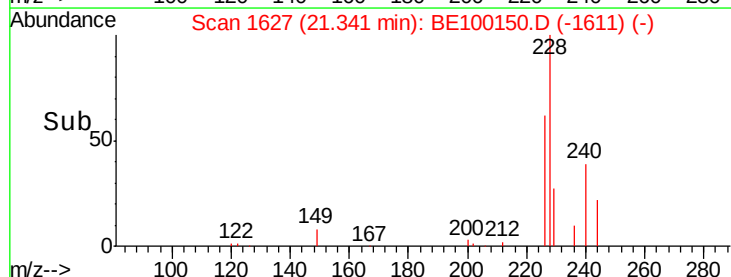
Tgt Ion: 240 Resp: 9112
Ion Ratio Lower Upper
240 100
120 6.2 6.6 10.0#
236 31.4 23.8 35.6

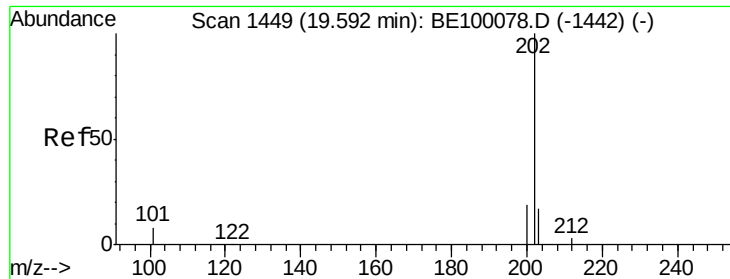


Abundance Ion 240.00 (239.70 to 240.70): E
10000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.25 21.30 21.35 21.40

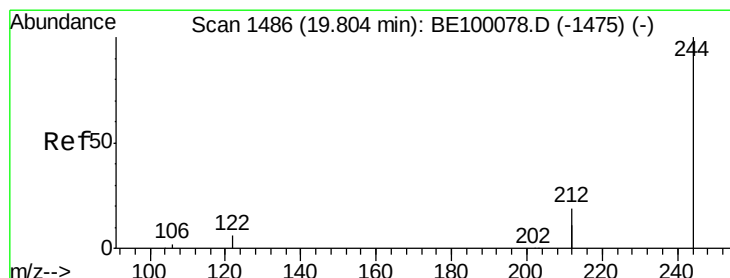
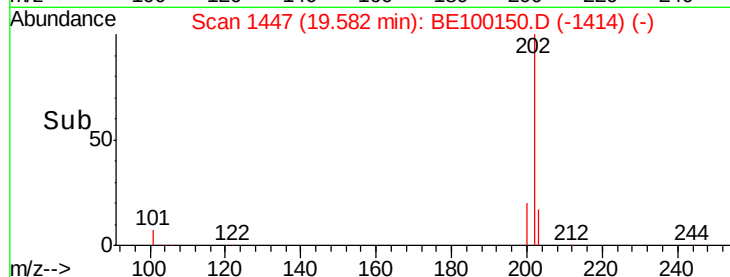
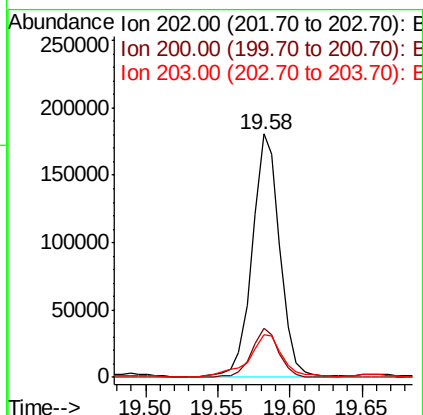
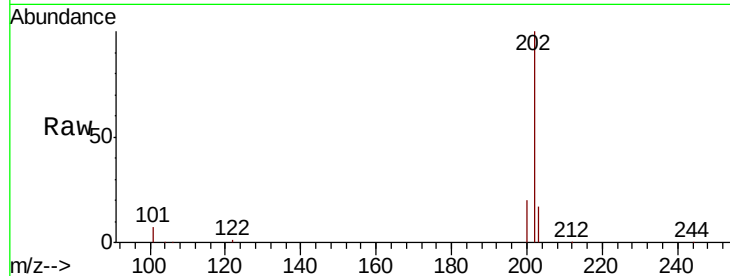




#28
 Pyrene
 Concen: 10.278 ng
 RT: 19.58 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

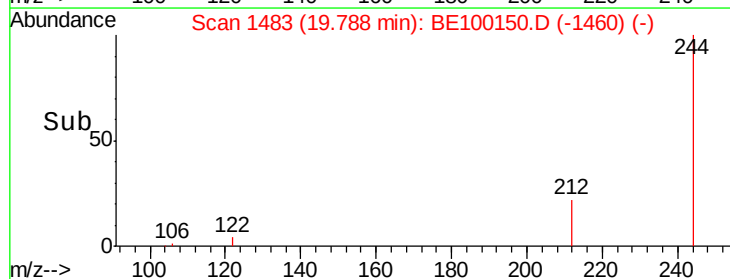
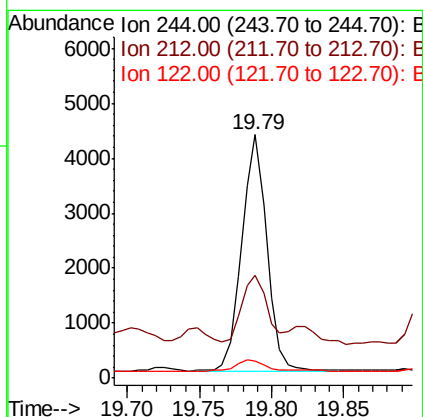
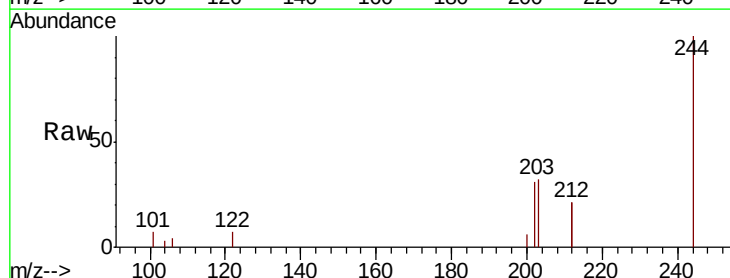
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW161-061319

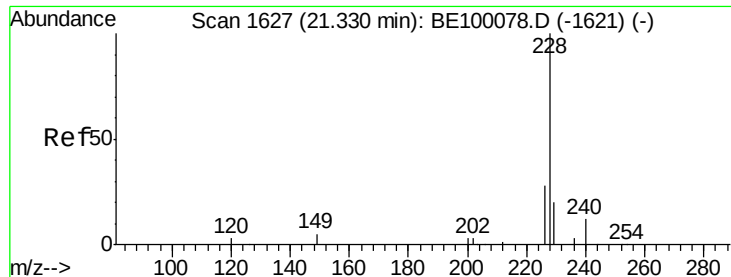
Tgt Ion:	202	Resp:	240705
Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.7	13.9	20.9



#29
 Terphenyl-d14
 Concen: 0.283 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

Tgt Ion:	244	Resp:	5160
Ion	Ratio	Lower	Upper
244	100		
212	42.4	29.8	44.8
122	7.1	6.1	9.1





#30

Benzo(a)anthracene

Concen: 4.909 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW161-061319

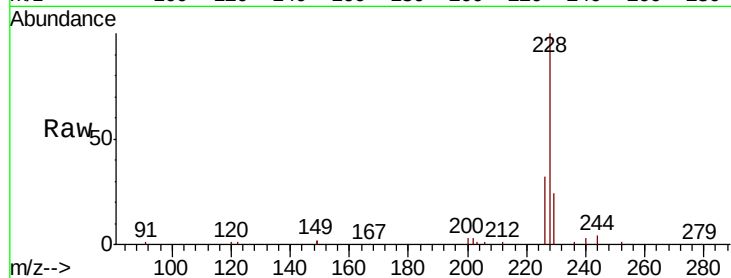
Tgt Ion:228 Resp: 133073

Ion Ratio Lower Upper

228 100

226 31.8 23.0 34.4

229 23.7 16.4 24.6

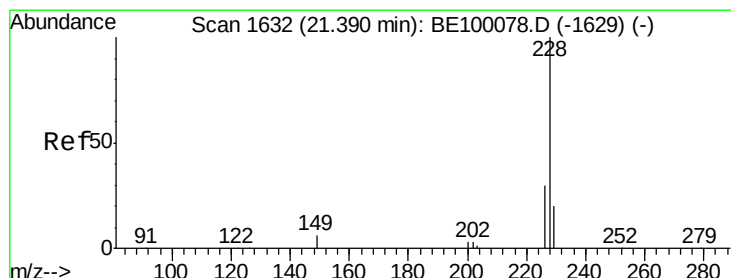
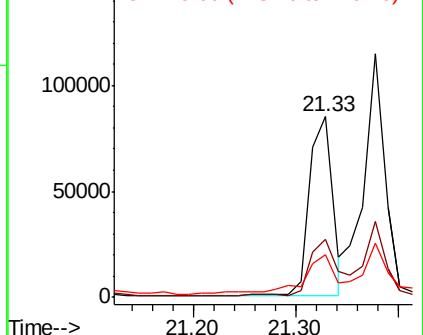
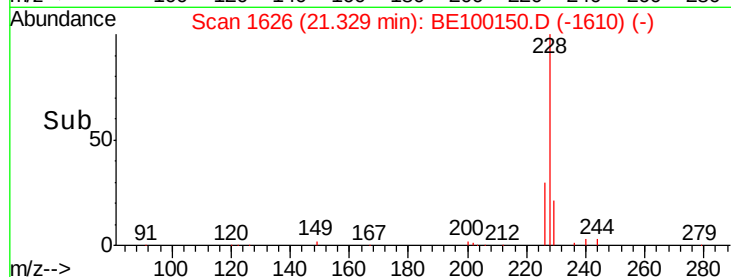


Abundance

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: 5.228 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

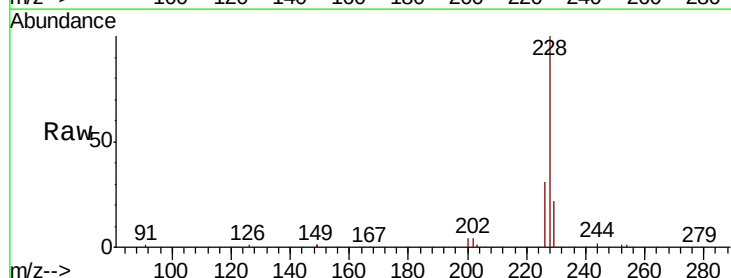
Tgt Ion:228 Resp: 164658

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

229 22.4 16.3 24.5

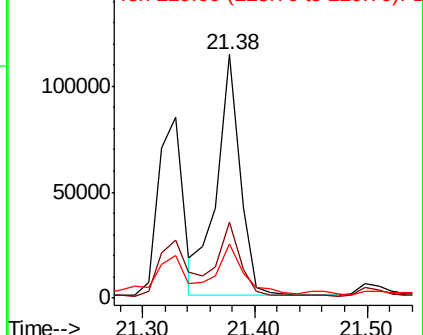
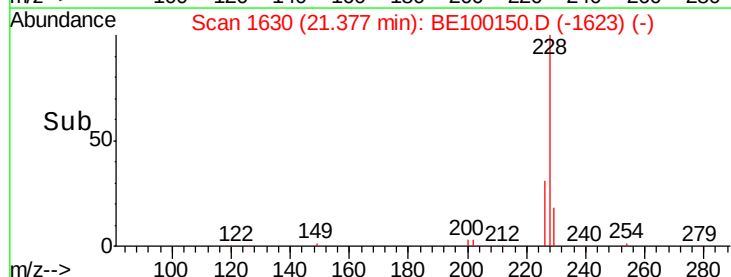


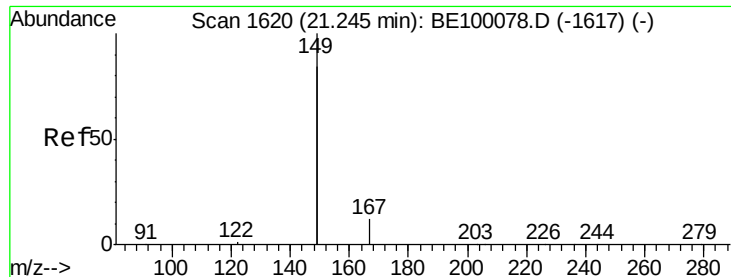
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

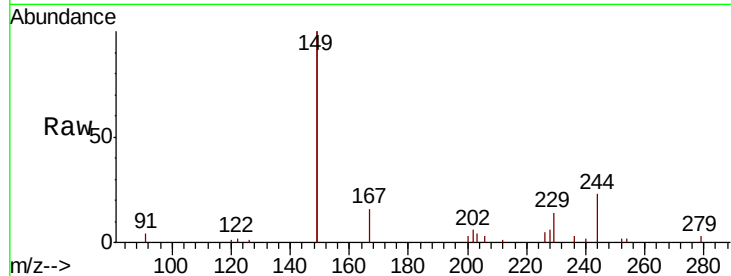




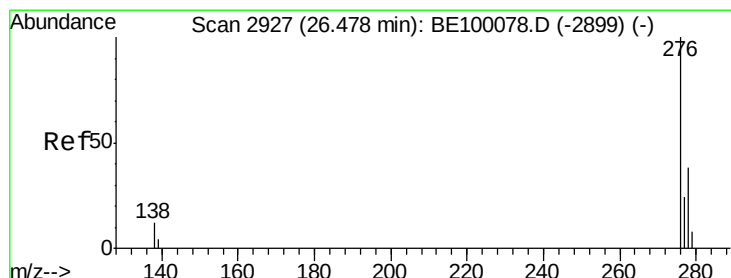
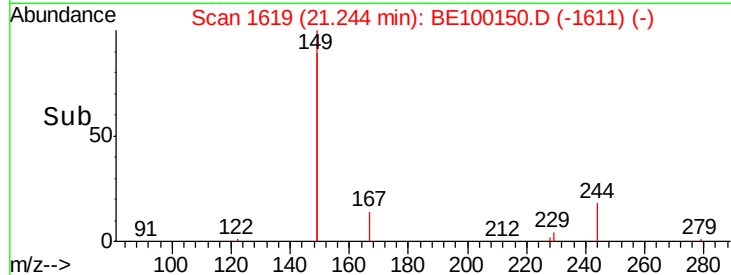
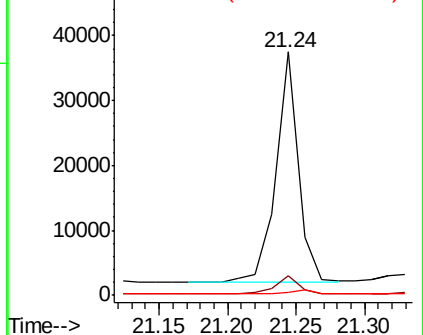
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 1.563 ng
 RT: 21.24 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW161-061319

Tgt Ion:149 Resp: 39967
 Ion Ratio Lower Upper
 149 100
 167 7.5 5.8 8.6
 279 1.5 1.1 1.7

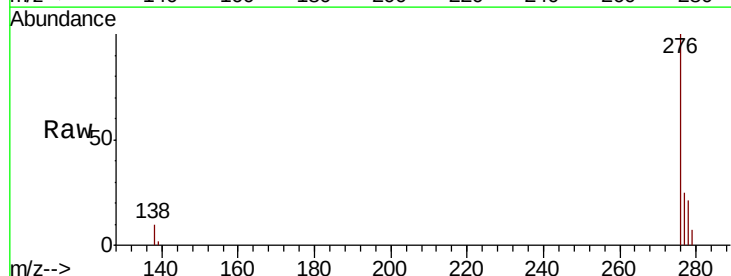


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

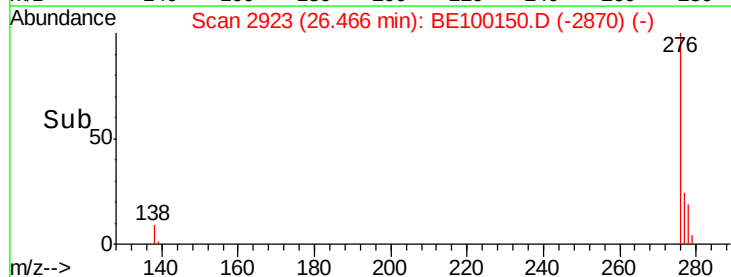
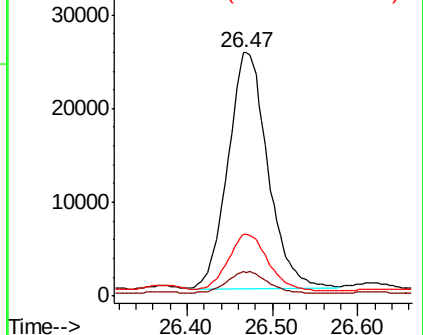


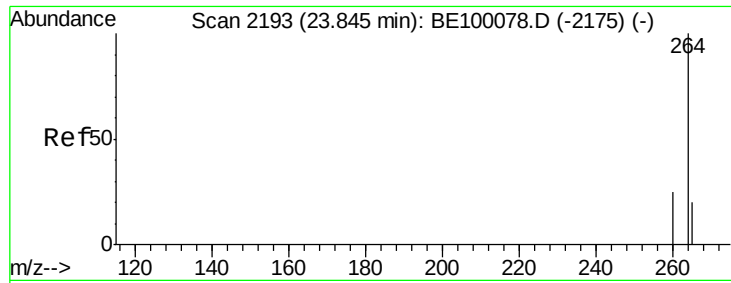
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 2.307 ng
 RT: 26.47 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

Tgt Ion:276 Resp: 81765
 Ion Ratio Lower Upper
 276 100
 138 9.2 4.3 6.5#
 277 24.0 19.4 29.0



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

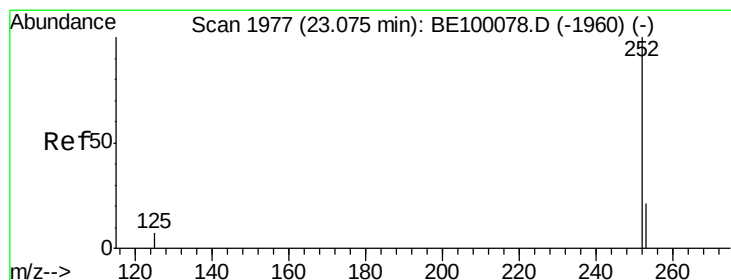
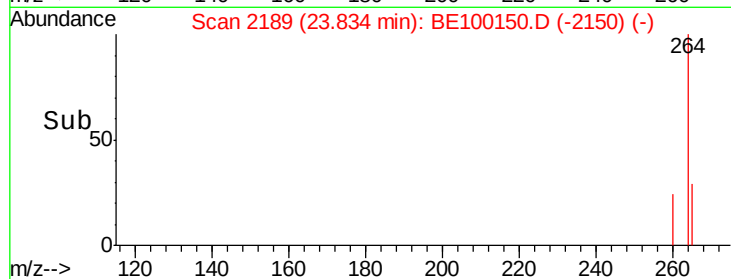
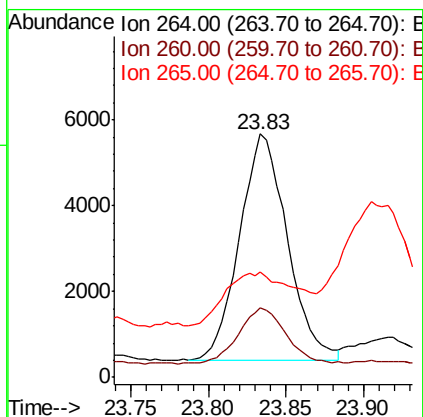
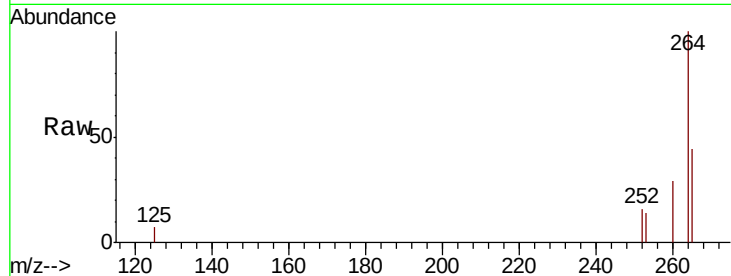




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

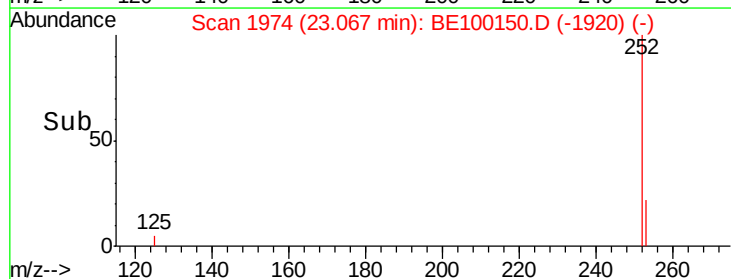
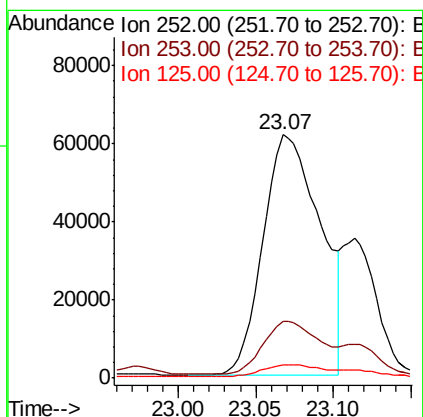
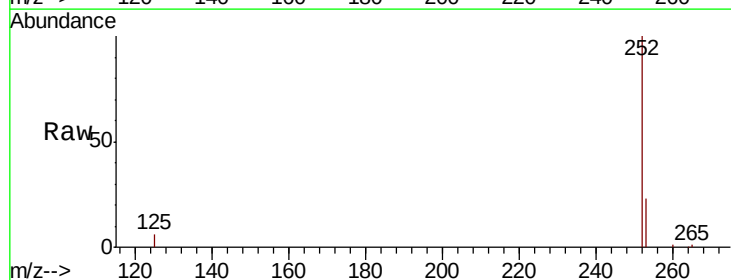
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW161-061319

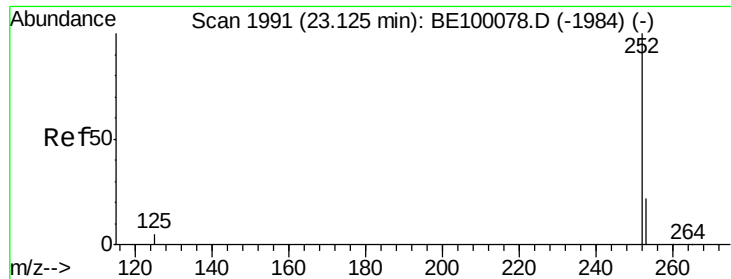
Tgt Ion: 264 Resp: 11293
 Ion Ratio Lower Upper
 264 100
 260 28.8 20.8 31.2
 265 43.5 23.2 34.8#



#35
 Benzo(b)fluoranthene
 Concen: 4.769 ng
 RT: 23.07 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BE100150.D
 Acq: 22 Jun 2019 1:34

Tgt Ion: 252 Resp: 158039
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.4 27.6
 125 5.5 6.4 9.6#

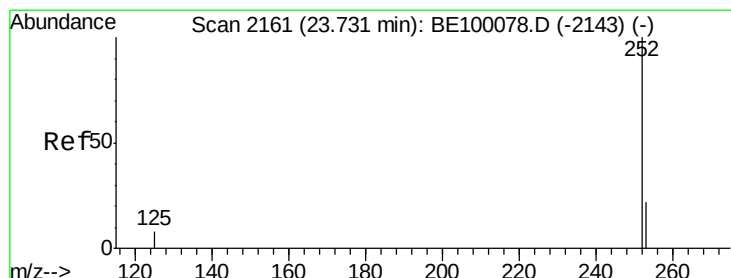
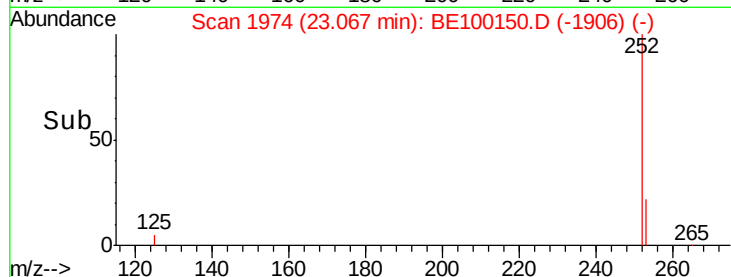
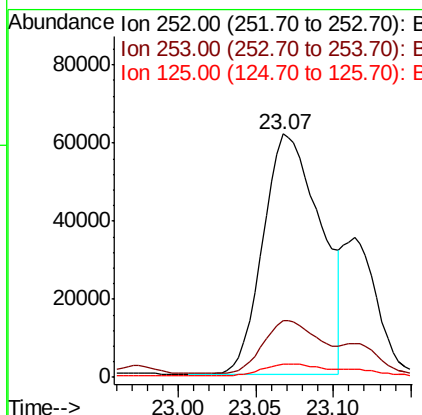
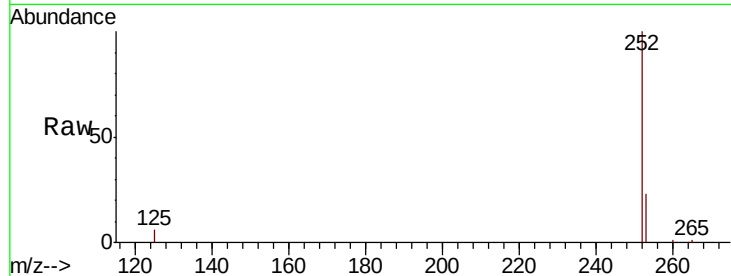




#36
Benzo(k)fluoranthene
Concen: 4.192 ng
RT: 23.07 min Scan# 1974
Delta R.T. -0.06 min
Lab File: BE100150.D
Acq: 22 Jun 2019 1:34

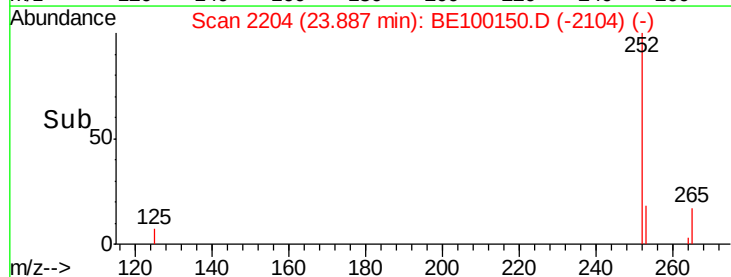
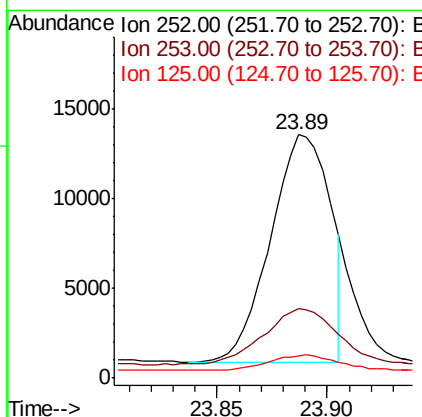
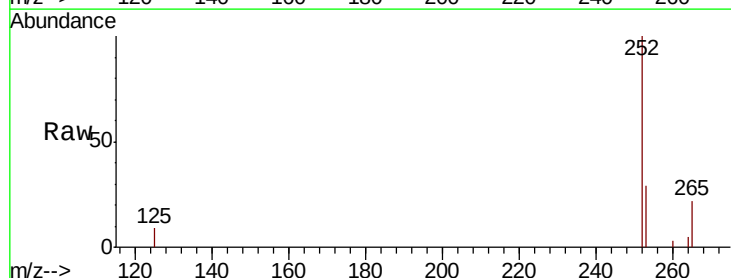
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW161-061319

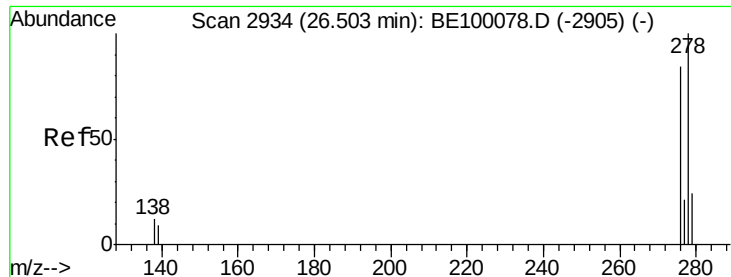
Tgt Ion: 252 Resp: 158039
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 5.5 5.3 7.9



#37
Benzo(a)pyrene
Concen: 0.744 ng
RT: 23.89 min Scan# 2204
Delta R.T. 0.16 min
Lab File: BE100150.D
Acq: 22 Jun 2019 1:34

Tgt Ion: 252 Resp: 23798
Ion Ratio Lower Upper
252 100
253 28.6 19.4 29.2
125 9.3 8.0 12.0





#38

Dibenzo(a,h)anthracene

Concen: 0.679 ng

RT: 26.48 min Scan# 2927

Delta R.T. -0.02 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW161-061319

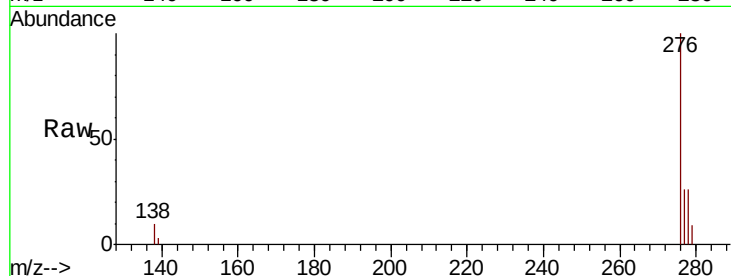
Tgt Ion: 278 Resp: 22255

Ion Ratio Lower Upper

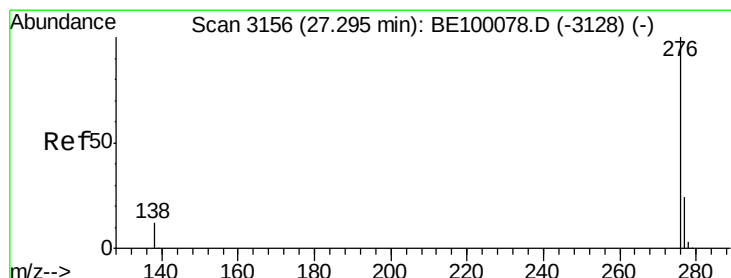
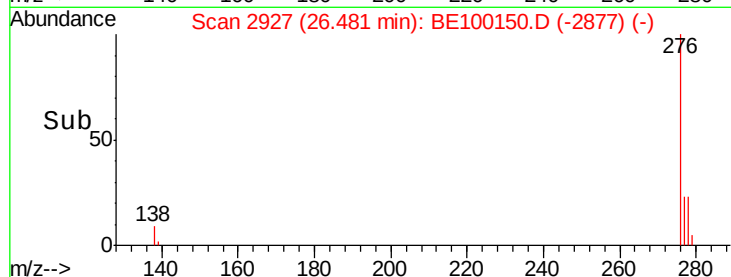
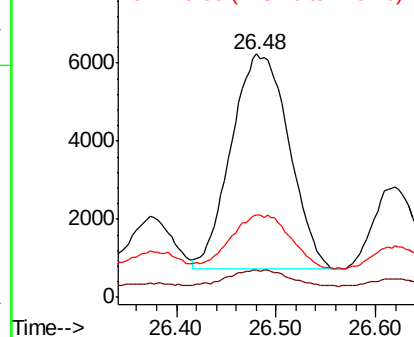
278 100

139 11.0 9.0 13.6

279 33.6 21.4 32.0#



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: 2.541 ng

RT: 27.29 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE100150.D

Acq: 22 Jun 2019 1:34

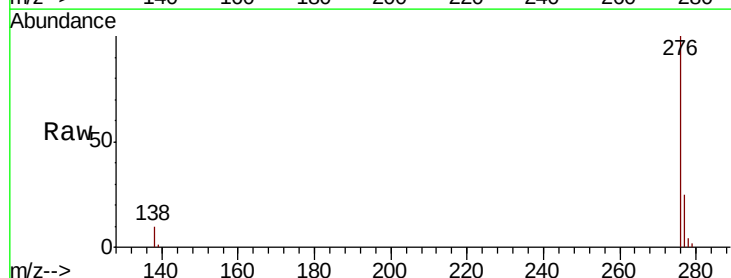
Tgt Ion: 276 Resp: 86565

Ion Ratio Lower Upper

276 100

277 25.1 20.3 30.5

138 10.1 11.3 16.9#



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

