

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100338.D
 Acq On : 3 Jul 2019 20:52
 Operator : JU/SJ
 Sample : K3561-06 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW098-062519

Quant Time: Jul 04 00:37:02 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	632	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2512	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2057	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5731	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7854	0.40	ng	0.00
34) Perylene-d12	23.67	264	9011	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	74	0.05	ng	-0.01
5) Phenol-d6	6.85	99	23	0.01	ng	0.00
8) Nitrobenzene-d5	8.82	82	107	0.04	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	235	0.05	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	67	0.05	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	360	0.04	ng	-0.01
25) Fluoranthene-d10	19.09	212	3368	0.04	ng	0.00
29) Terphenyl-d14	19.69	244	2103	0.13	ng	-0.01

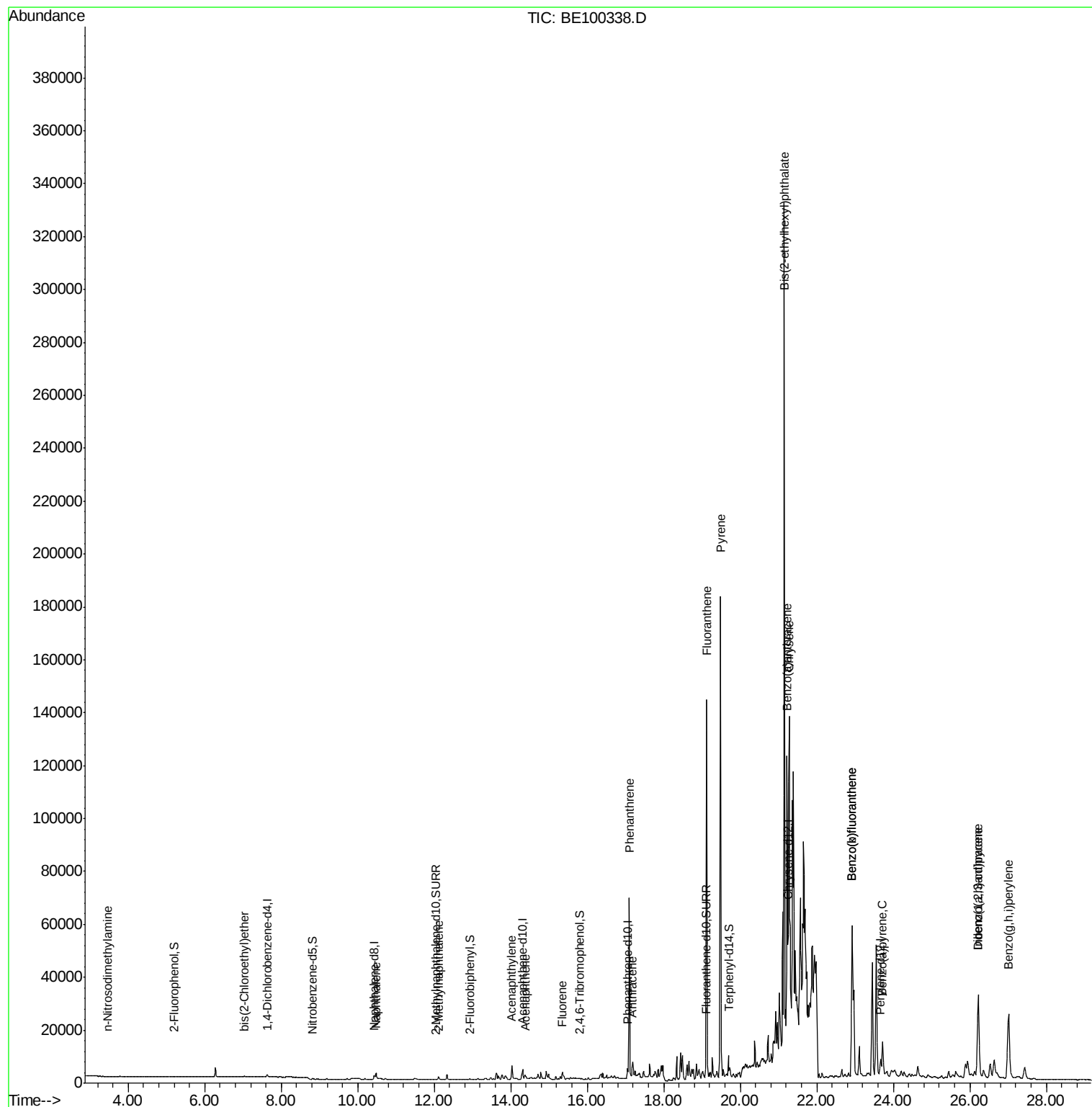
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.47	42	18	0.039	ng	# 34
6) bis(2-Chloroethyl)ether	7.04	93	601	0.345	ng	# 1
9) Naphthalene	10.48	128	4932	0.178	ng	# 97
12) 2-Methylnaphthalene	12.11	142	1062	0.218	ng	91
16) Acenaphthylene	14.02	152	7997	0.810	ng	99
17) Acenaphthene	14.37	154	791	0.141	ng	96
18) Fluorene	15.35	166	2648	0.320	ng	# 88
23) Phenanthrene	17.09	178	69300	4.989	ng	100
24) Anthracene	17.19	178	7141	0.571	ng	96
26) Fluoranthene	19.12	202	135270	6.114	ng	99
28) Pvrene	19.48	202	169329	8.143	ng	97
30) Benzo(a)anthracene	21.22	228	91377	3.538	ng	97
31) Chrysene	21.28	228	108052	4.167	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	402743	10.977	ng	# 97
33) Indeno(1,2,3-cd)pvrene	26.22	276	59859	1.745	ng	# 97
35) Benzo(b)fluoranthene	22.92	252	111871	4.579	ng	# 96
36) Benzo(k)fluoranthene	22.92	252	111871	4.102	ng	98
37) Benzo(a)pvrene	23.72	252	17293	0.706	ng	93
38) Dibenzo(a,h)anthracene	26.22	278	15212	0.595	ng	# 89
39) Benzo(g,h,i)perylene	27.01	276	67839	2.582	ng	98

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

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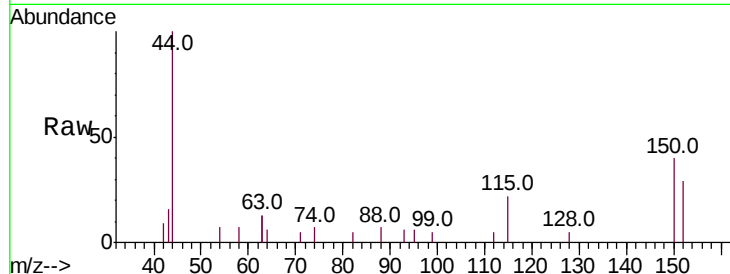


#1

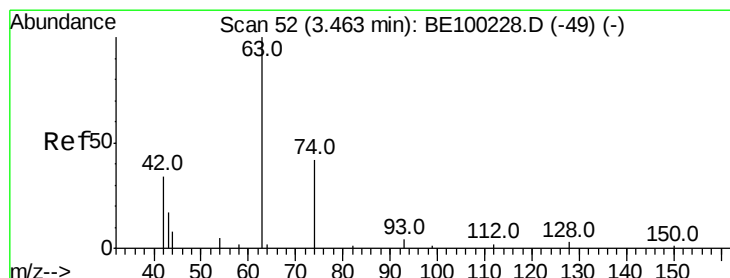
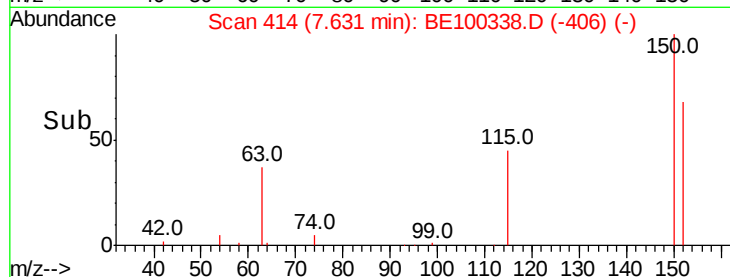
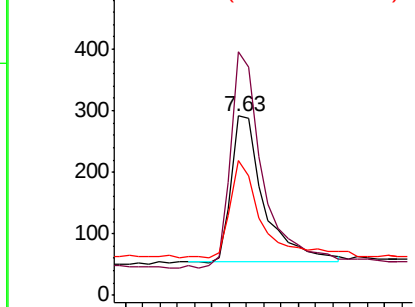
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW098-062519

Tot Ion:152 Resp: 632
Ion Ratio Lower Upper
152 100
150 136.1 114.5 171.7
115 75.3 57.1 85.7



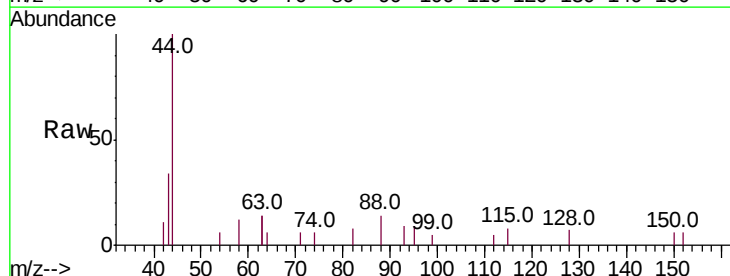
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



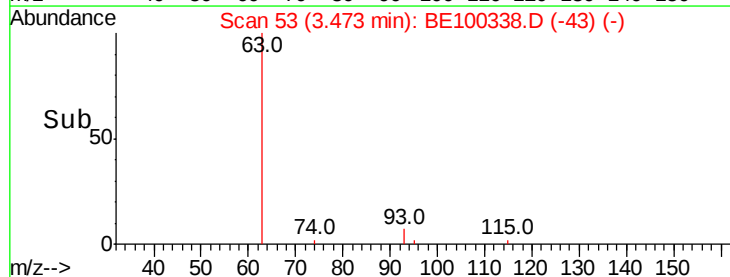
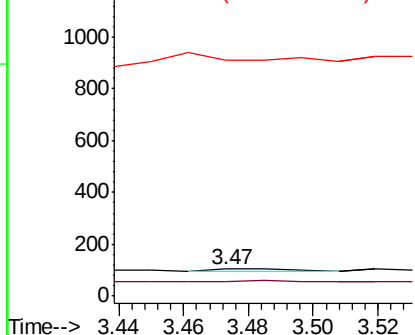
#3

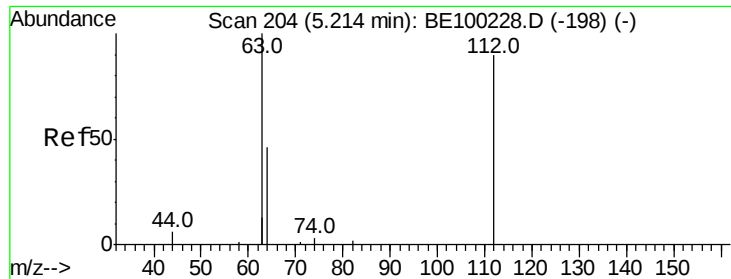
n-Nitrosodimethylamine
Concen: 0.039 ng
RT: 3.47 min Scan# 53
Delta R.T. 0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Tgt Ion: 42 Resp: 18
Ion Ratio Lower Upper
42 100
74 77.8 130.6 196.0#
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: 0.046 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

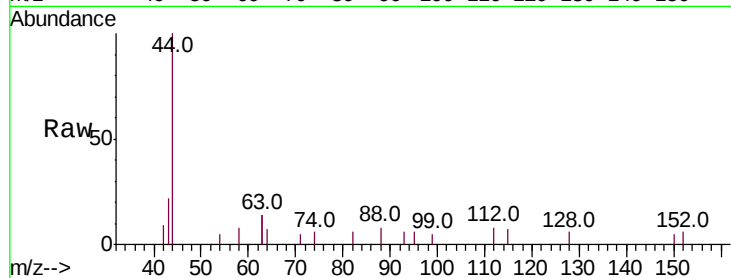
Tot Ion:112 Resp: 74

Ion Ratio Lower Upper

112 100

64 58.1 39.4 59.0

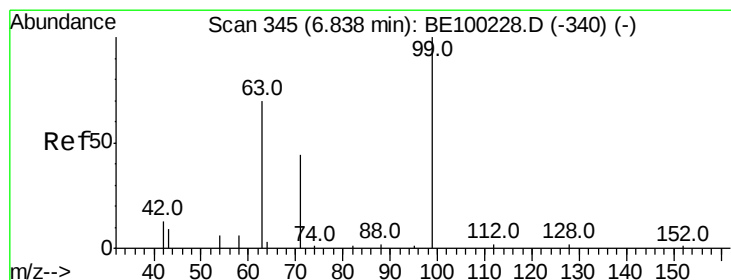
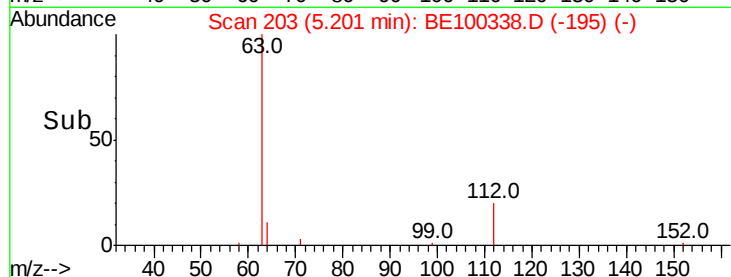
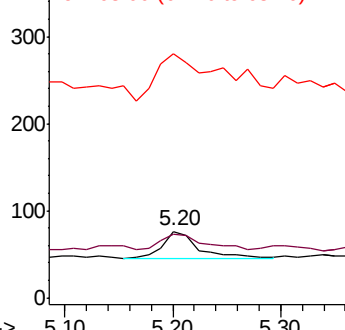
63 327.0 104.5 156.7#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.011 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

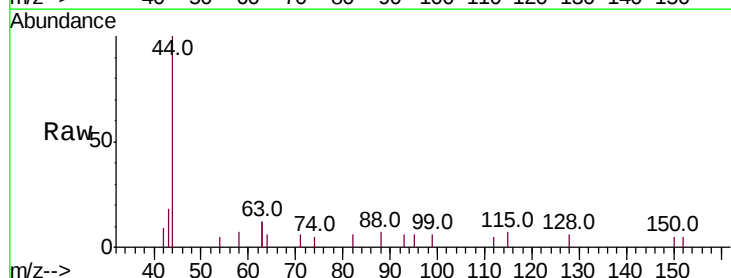
Tgt Ion: 99 Resp: 23

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

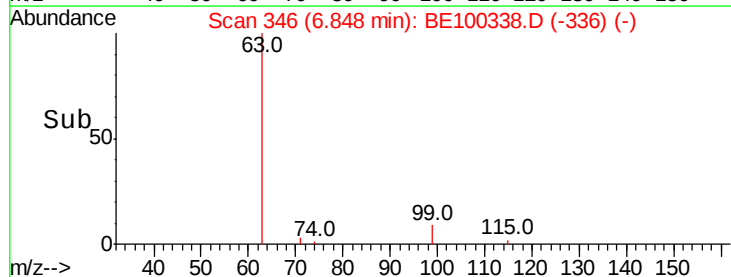
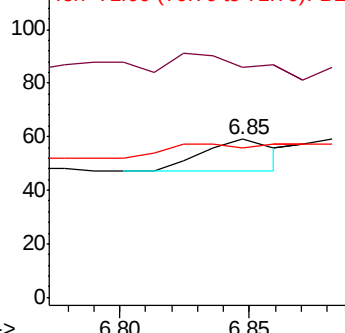
71 0.0 37.2 55.8#

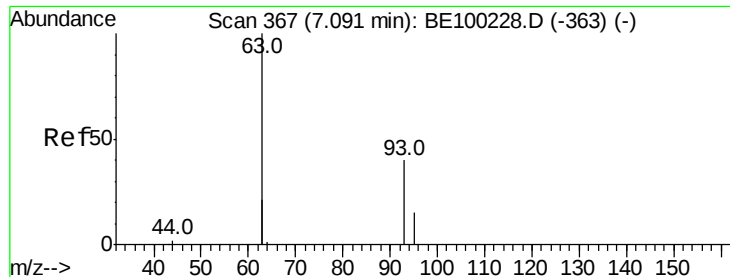


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.345 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.05 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

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EXT-016-SW098-062519

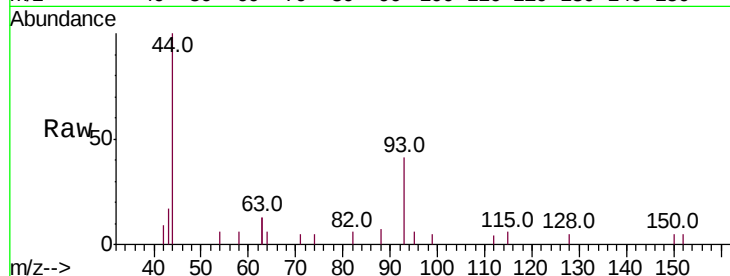
Tot Ion: 93 Resp: 601

Ion Ratio Lower Upper

93 100

63 20.3 155.6 233.4#

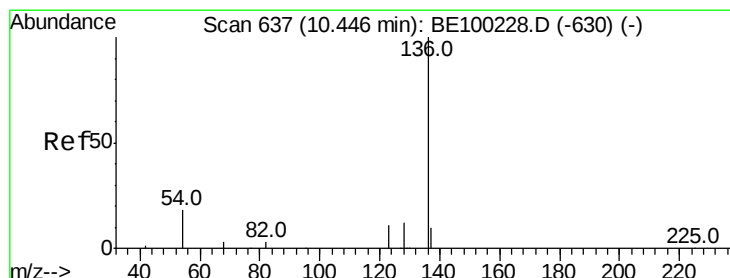
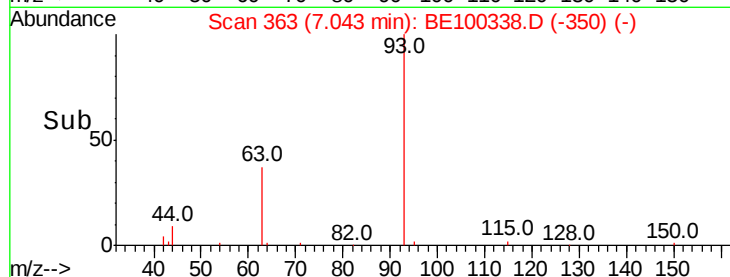
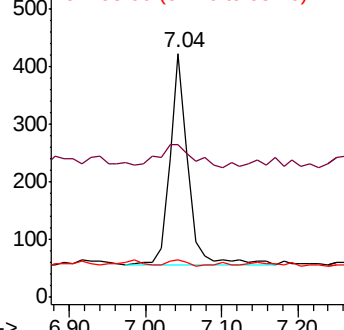
95 3.0 23.0 34.4#



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: BE100338.D

Acq: 3 Jul 2019 20:52

Tgt Ion: 136 Resp: 2512

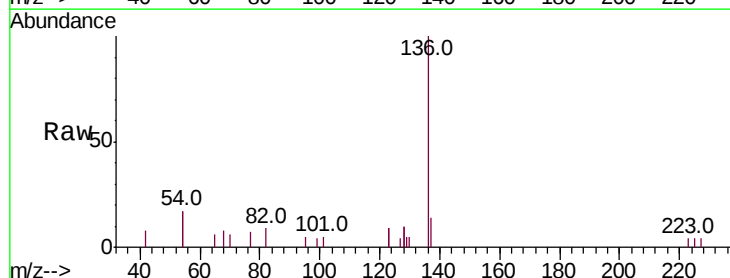
Ion Ratio Lower Upper

136 100

137 14.1 11.8 17.8

54 34.5 27.7 41.5

68 8.4 6.8 10.2

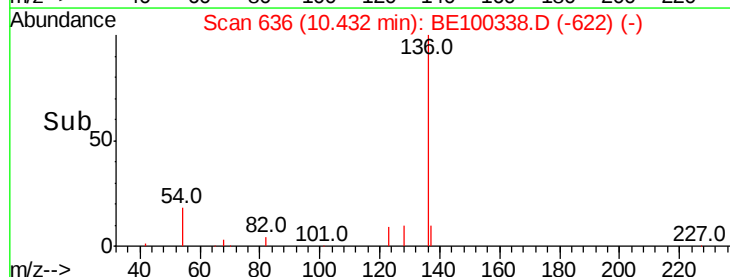
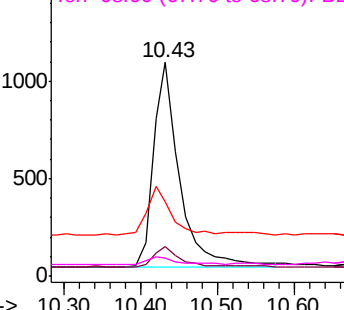


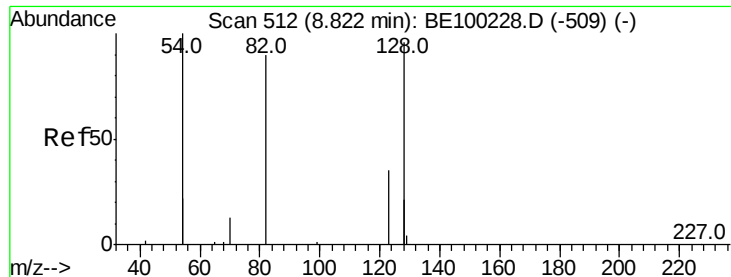
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.043 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

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EXT-016-SW098-062519

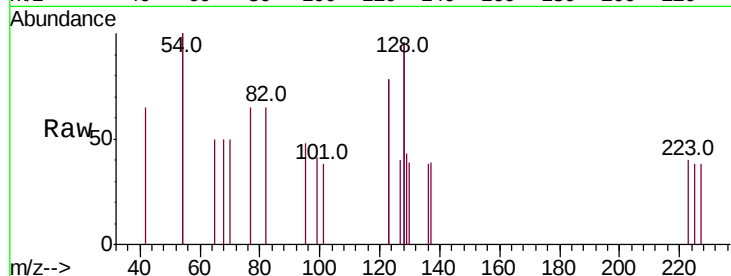
Tot Ion: 82 Resp: 107

Ion Ratio Lower Upper

82 100

128 294.9 140.9 211.3#

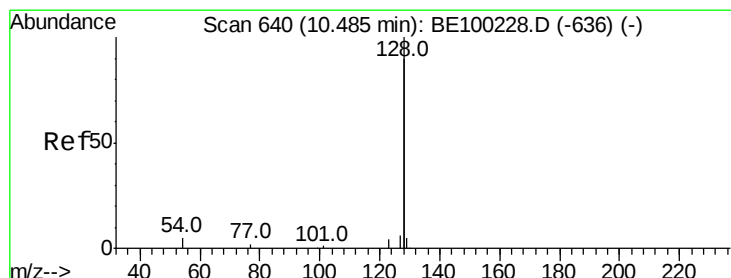
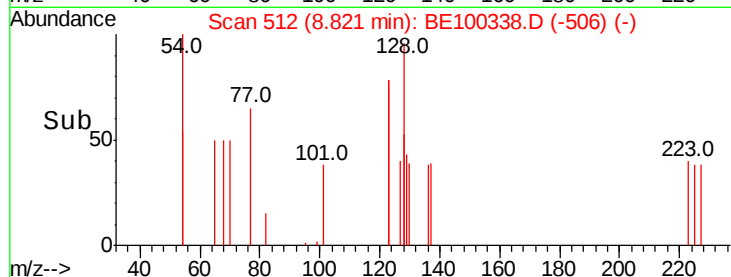
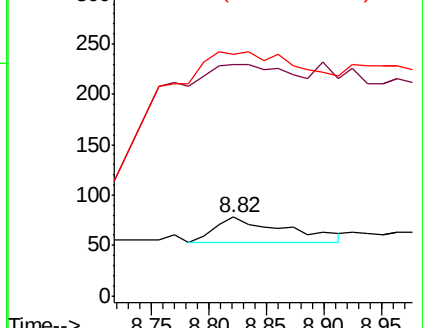
54 307.7 146.2 219.2#



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: 0.178 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

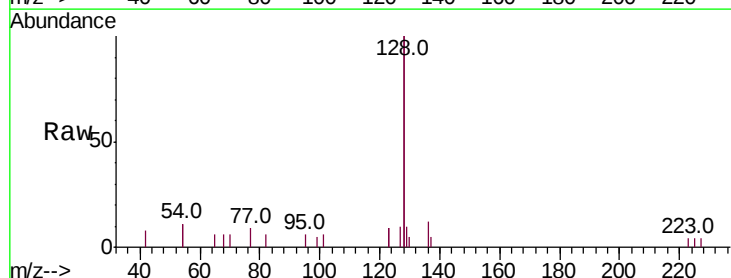
Tgt Ion: 128 Resp: 4932

Ion Ratio Lower Upper

128 100

129 5.1 3.0 4.6#

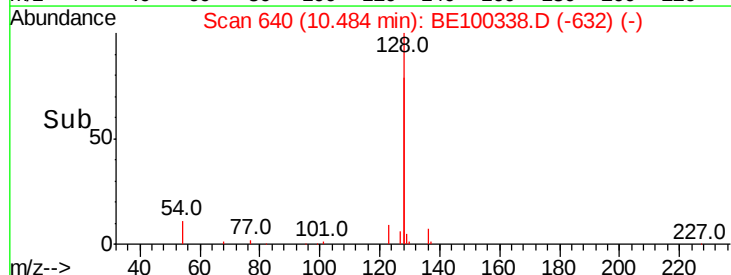
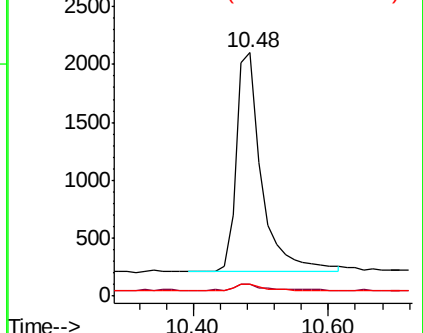
127 5.0 3.5 5.3

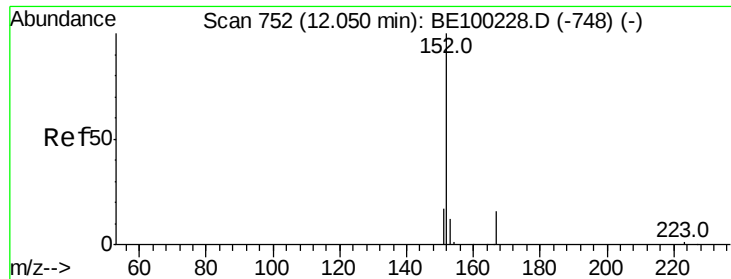


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

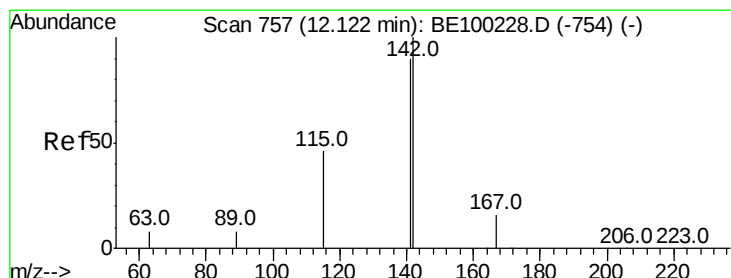
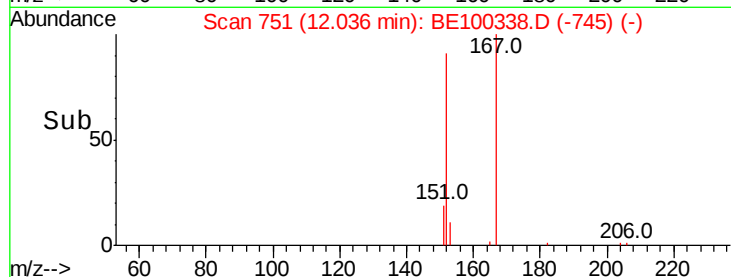
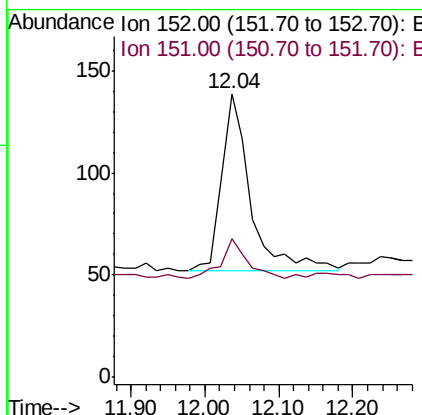
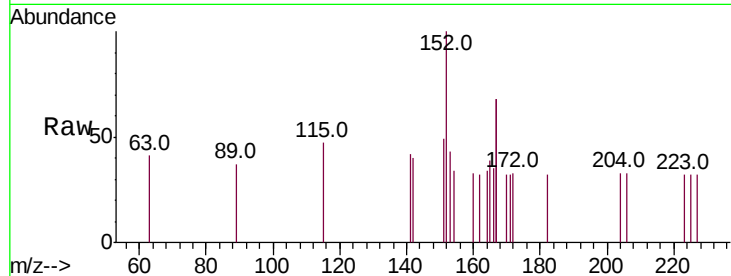




#11
 2-Methylnaphthalene-d10
 Concen: 0.050 ng
 RT: 12.04 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BE100338.D
 Acq: 3 Jul 2019 20:52

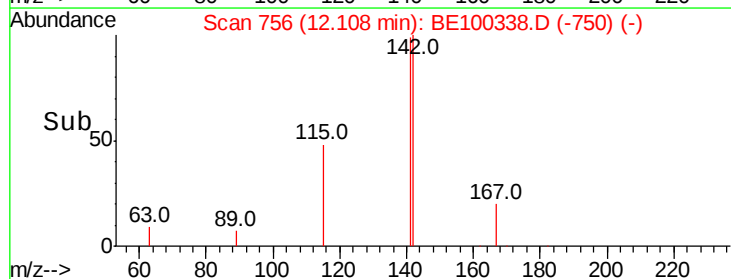
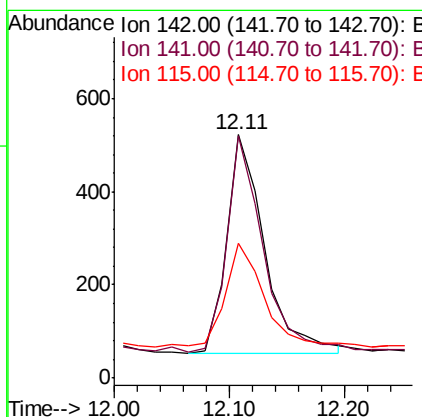
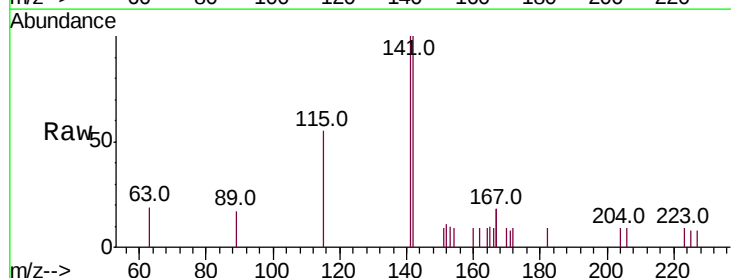
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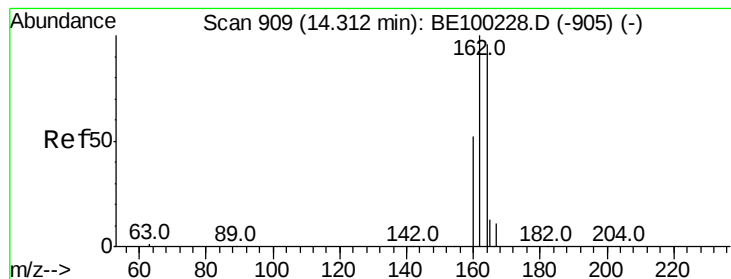
Tot Ion:152 Resp: 235
 Ion Ratio Lower Upper
 152 100
 151 20.4 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.218 ng
 RT: 12.11 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BE100338.D
 Acq: 3 Jul 2019 20:52

Tgt Ion:142 Resp: 1062
 Ion Ratio Lower Upper
 142 100
 141 99.6 72.4 108.6
 115 55.4 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: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

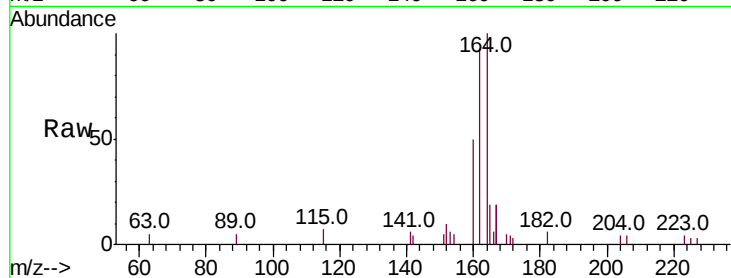
Tot Ion:164 Resp: 2057

Ion Ratio Lower Upper

164 100

162 93.5 83.4 125.0

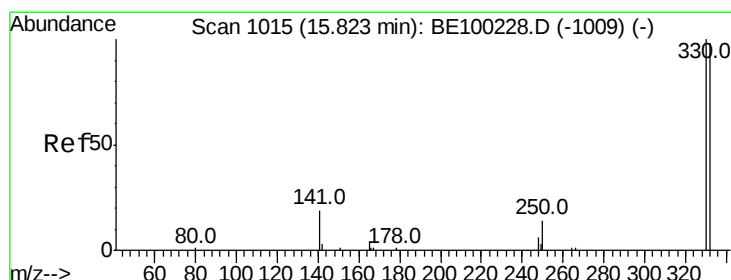
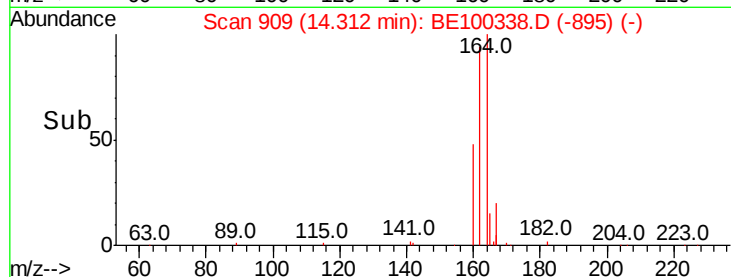
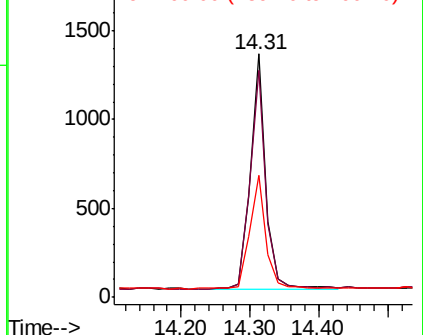
160 49.9 45.0 67.6



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: 0.047 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

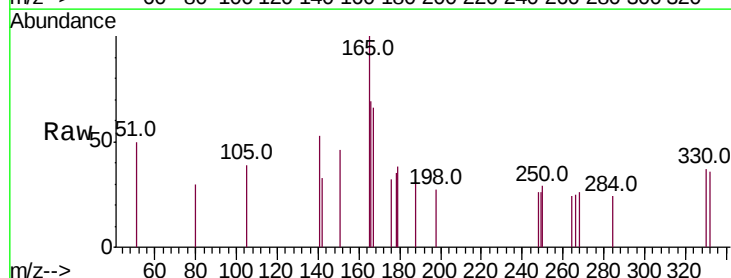
Tgt Ion:330 Resp: 67

Ion Ratio Lower Upper

330 100

332 91.0 77.0 115.4

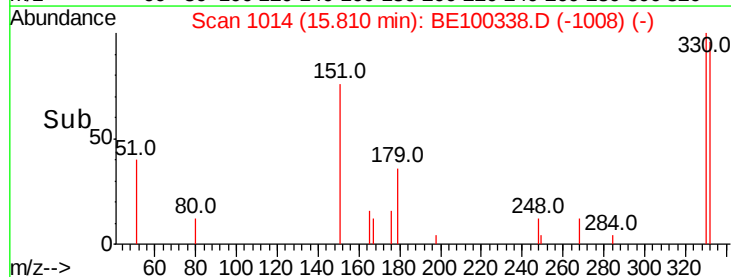
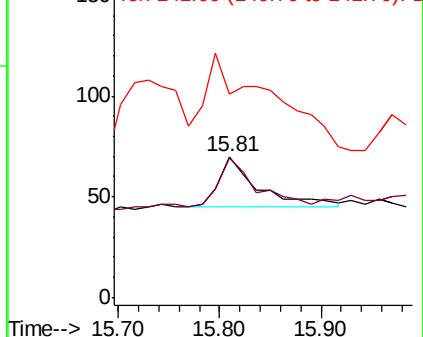
141 320.9 22.0 33.0#

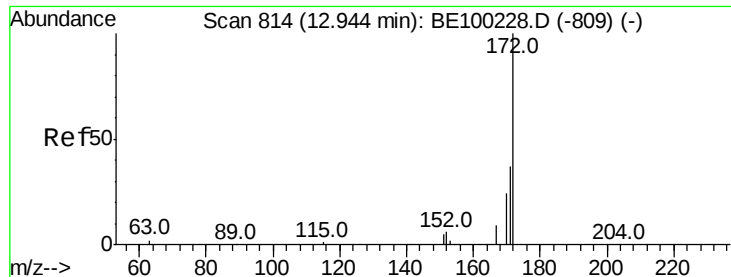


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

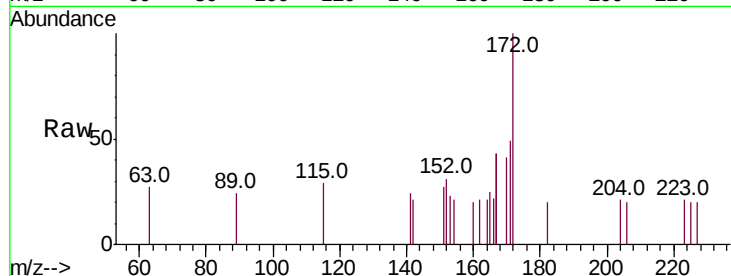




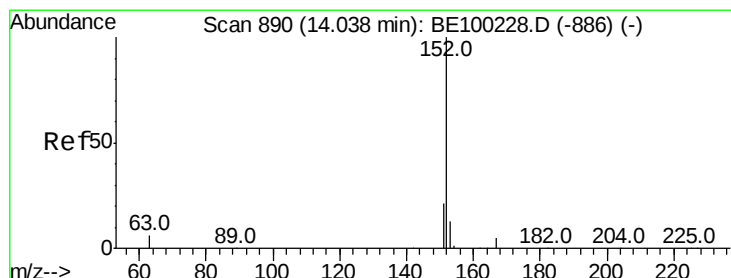
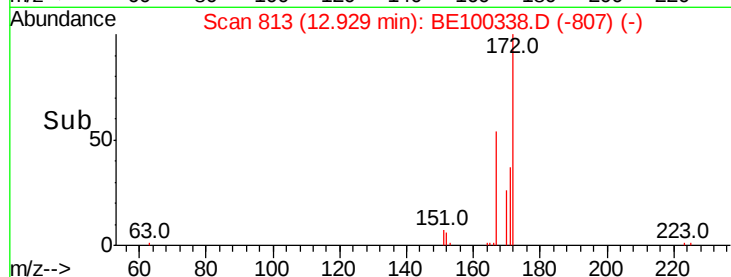
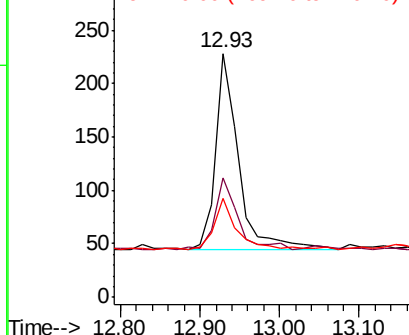
#15
2-Fluorobiphenyl
Concen: 0.045 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW098-062519

Tot Ion:172 Resp: 360
Ion Ratio Lower Upper
172 100
171 49.1 31.9 47.9#
170 40.8 22.2 33.2#

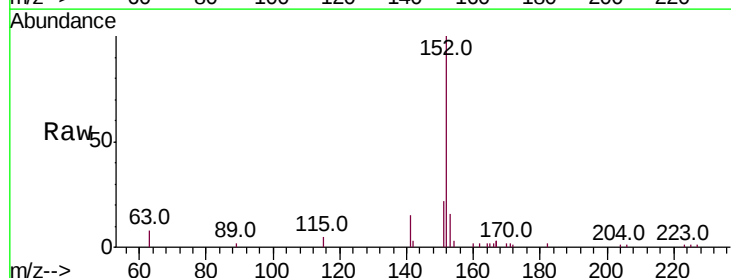


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

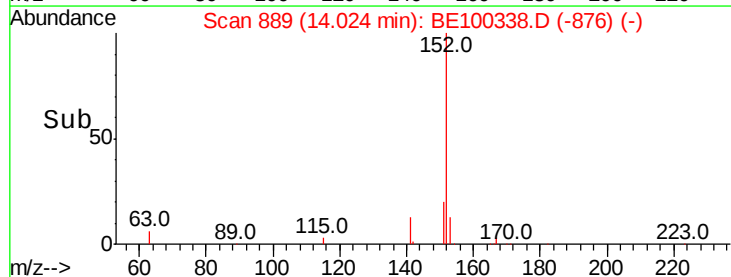
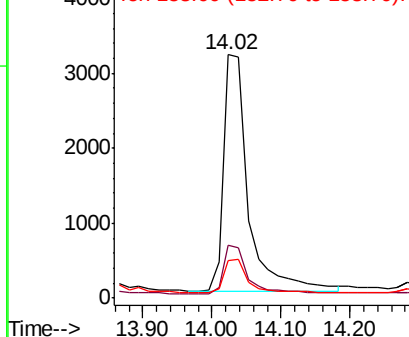


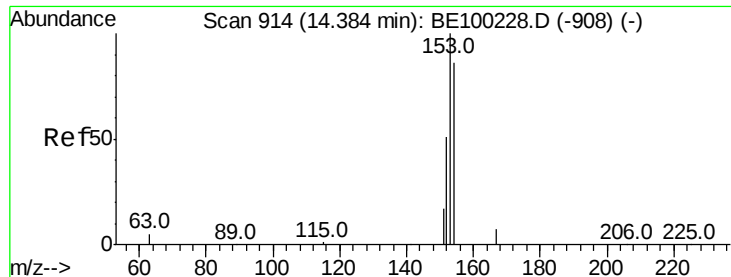
#16
Acenaphthylene
Concen: 0.810 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Tgt Ion:152 Resp: 7997
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.3 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

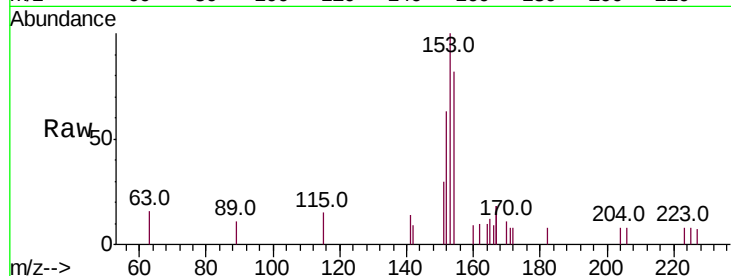




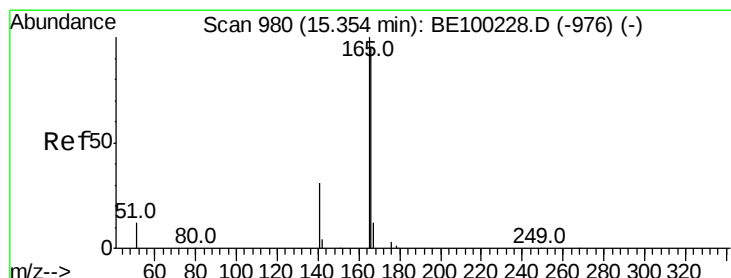
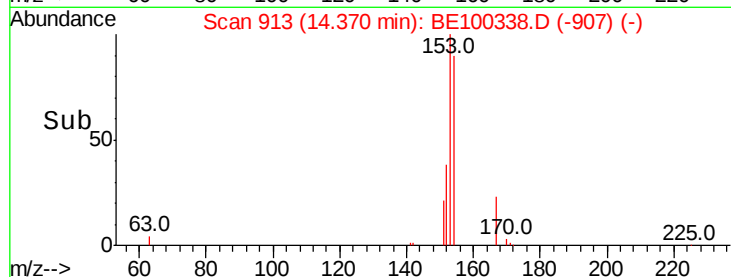
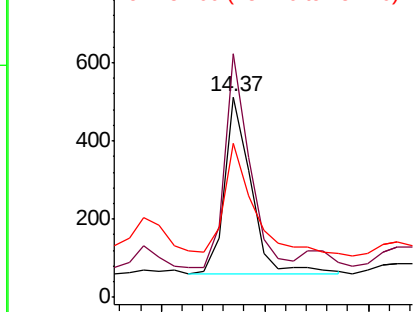
#17
Acenaphthene
Concen: 0.141 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW098-062519

Tot Ion:154 Resp: 791
Ion Ratio Lower Upper
154 100
153 113.3 93.4 140.2
152 66.5 49.4 74.2

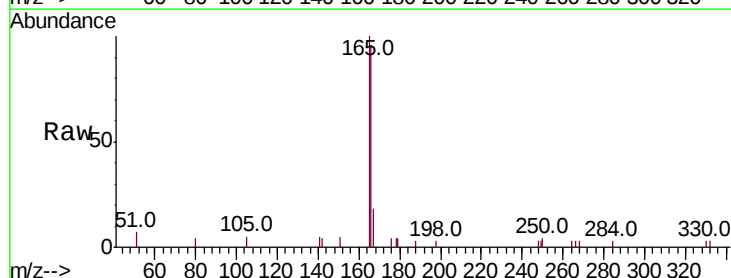


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

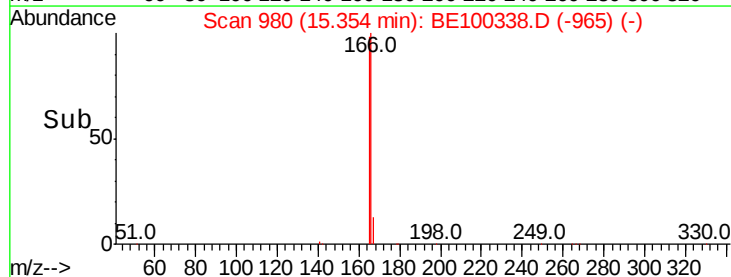
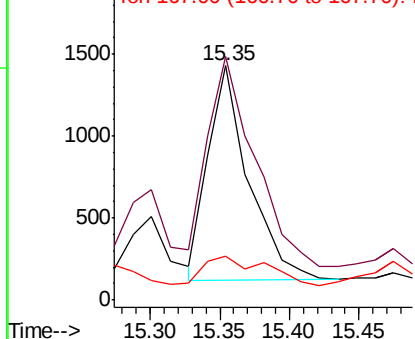


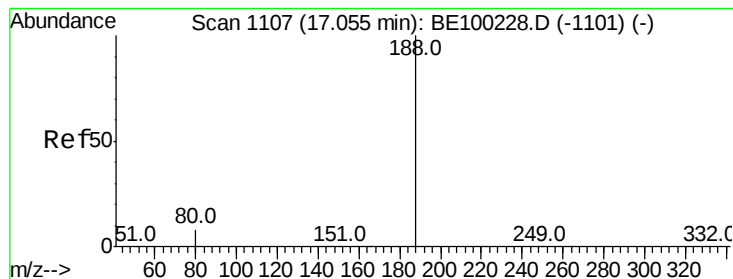
#18
Fluorene
Concen: 0.320 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Tgt Ion:166 Resp: 2648
Ion Ratio Lower Upper
166 100
165 112.3 81.1 121.7
167 21.5 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: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

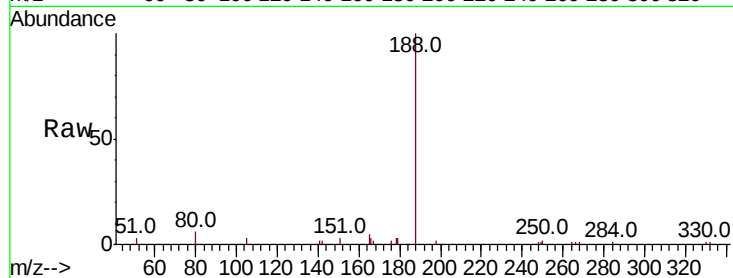
Tot Ion:188 Resp: 5731

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

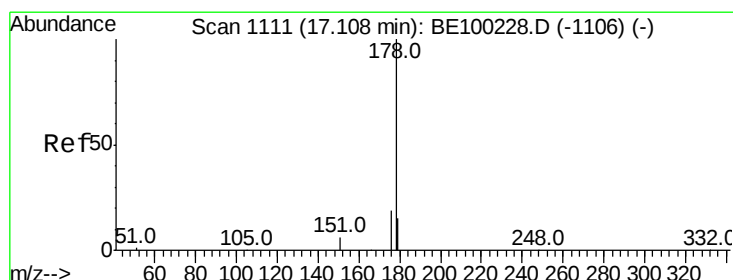
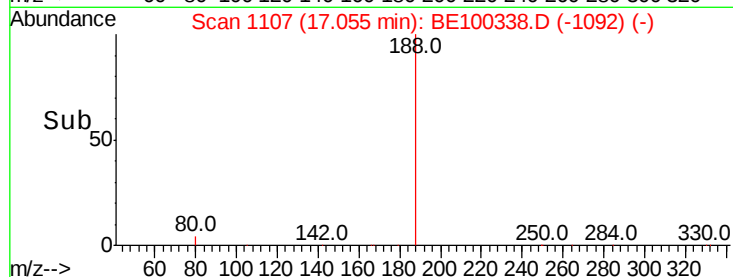
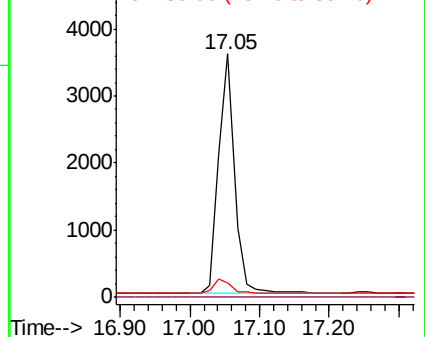
80 6.0 7.6 11.4#



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



#23

Phenanthrene

Concen: 4.989 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

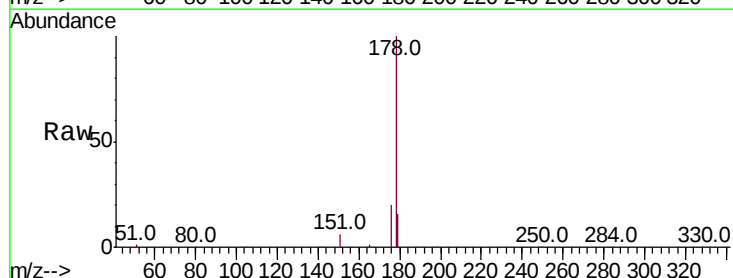
Tgt Ion:178 Resp: 69300

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

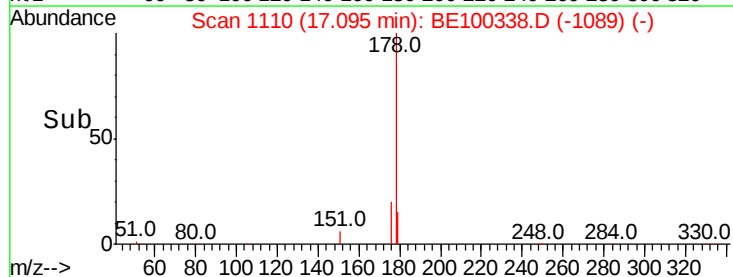
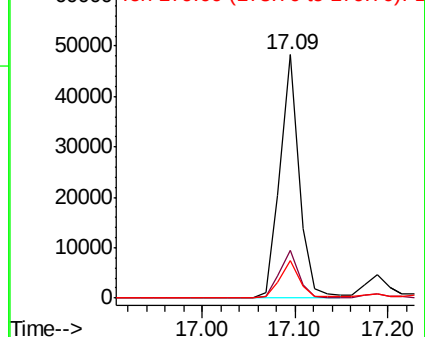
179 15.5 12.2 18.2

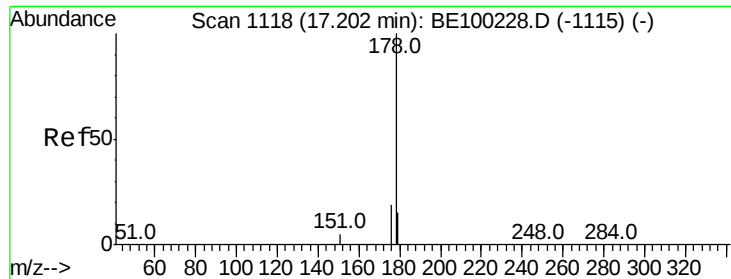


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.571 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

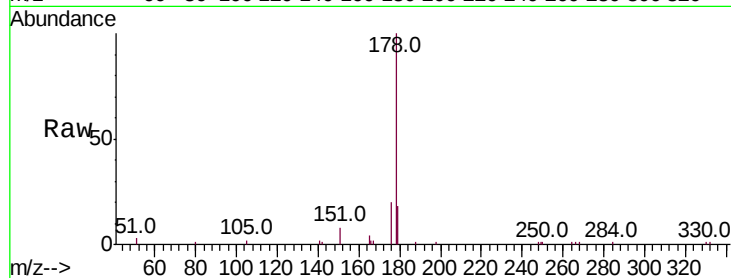
Tot Ion:178 Resp: 7141

Ion Ratio Lower Upper

178 100

176 17.5 15.3 22.9

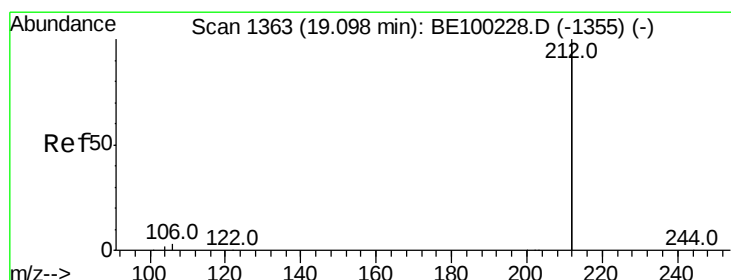
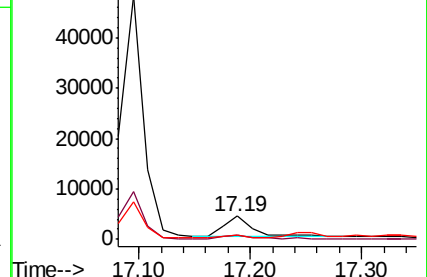
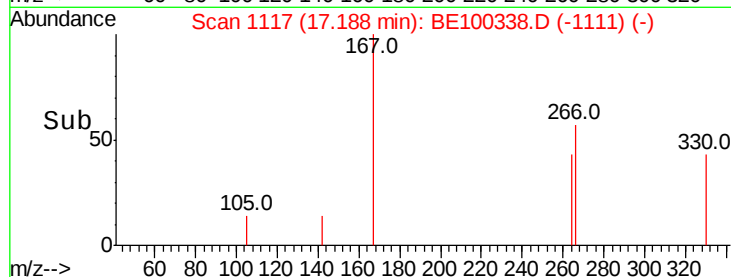
179 13.7 12.2 18.2



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: 0.040 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

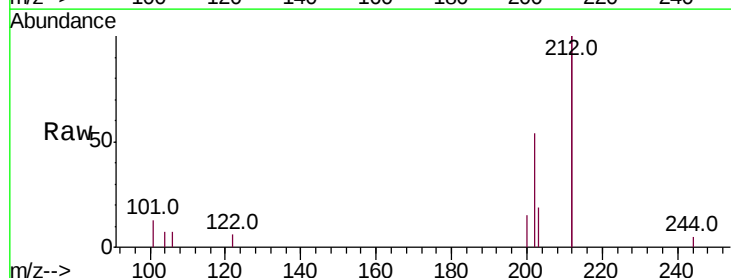
Tgt Ion:212 Resp: 3368

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

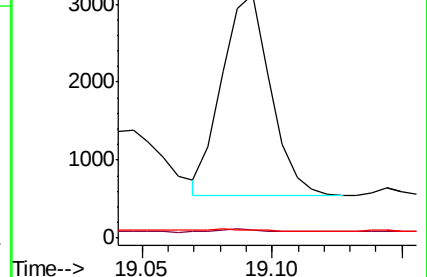
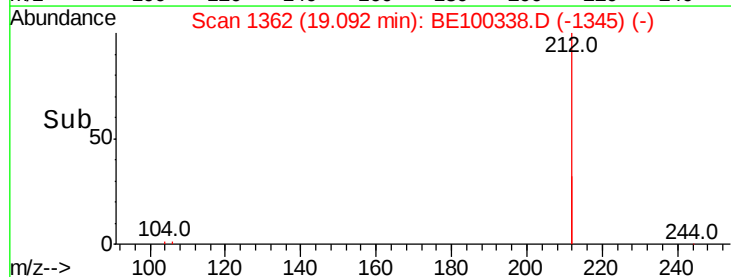
104 1.4 0.8 1.2#

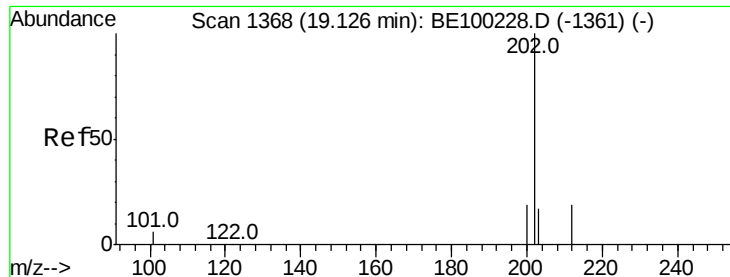


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

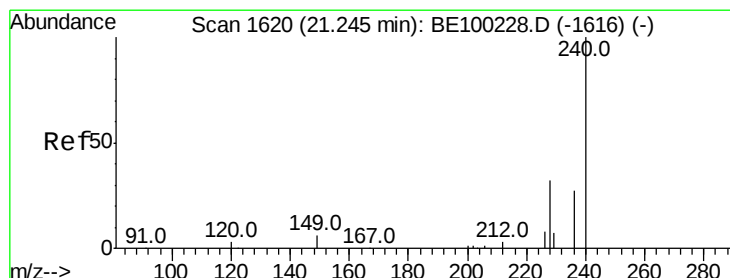
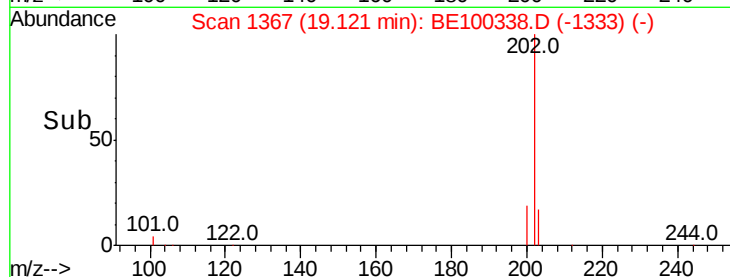
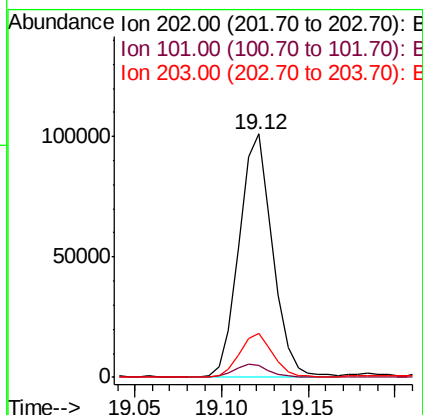
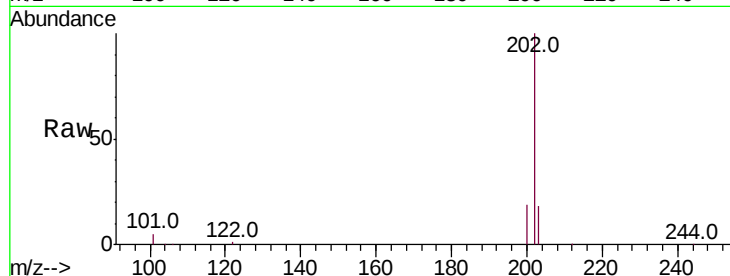




#26
Fluoranthene
Concen: 6.114 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

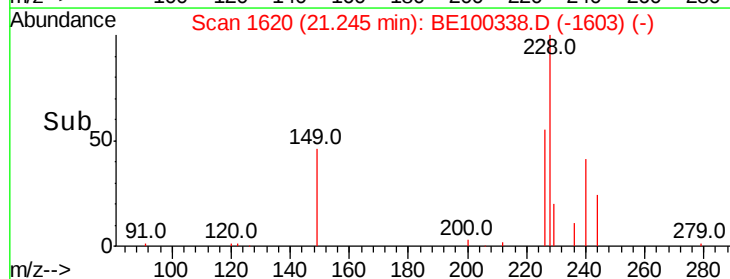
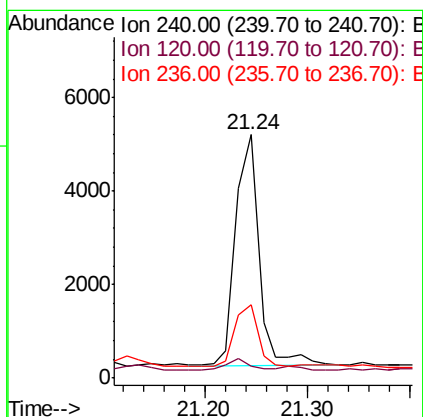
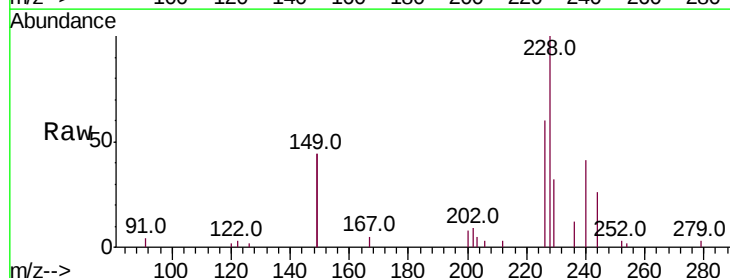
Instrument :
BNA_E
ClientSampleId :
EXT-016-SW098-062519

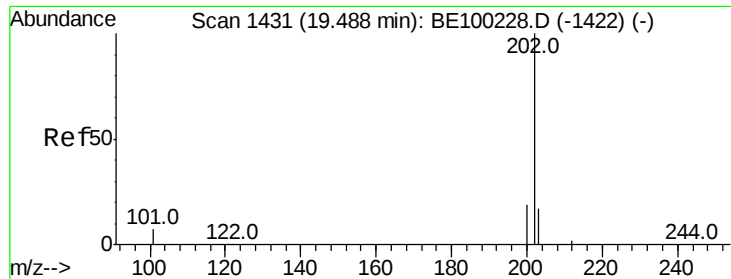
Tot Ion:202 Resp: 135270
Ion Ratio Lower Upper
202 100
101 5.3 4.6 7.0
203 17.7 13.7 20.5



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Tgt Ion:240 Resp: 7854
Ion Ratio Lower Upper
240 100
120 4.9 3.3 4.9
236 30.0 22.6 34.0

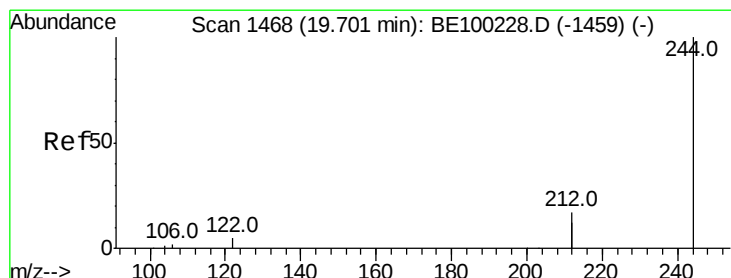
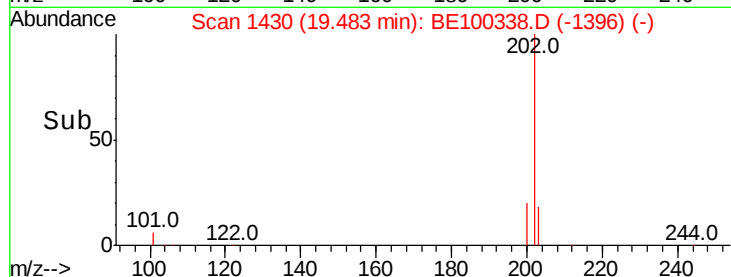
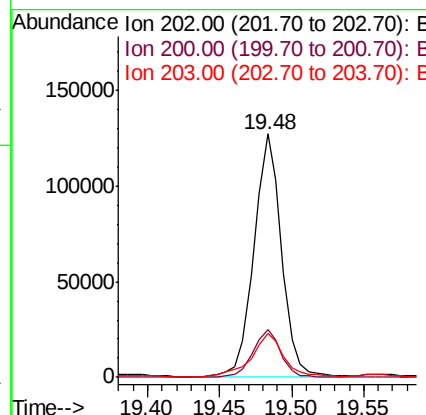
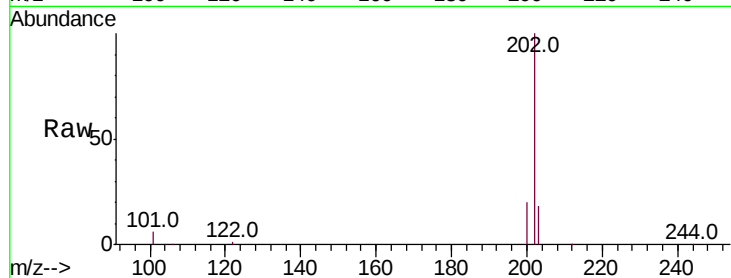




#28
Pvrene
Concen: 8.143 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

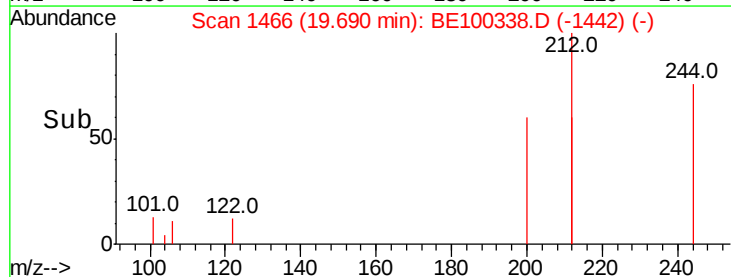
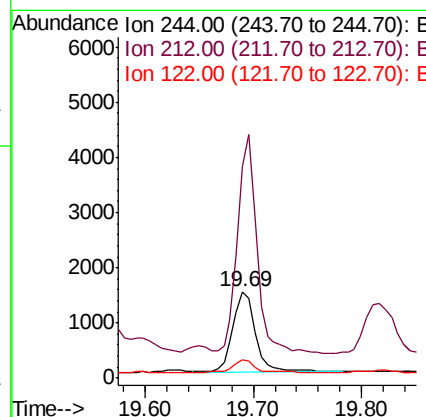
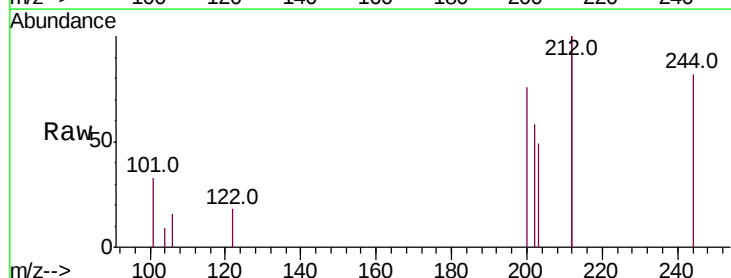
Instrument :
BNA_E
ClientSampleId :
EXT-016-SW098-062519

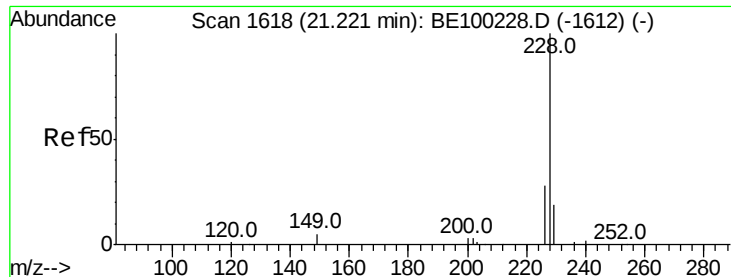
Tot Ion:202 Resp: 169329
Ion Ratio Lower Upper
202 100
200 19.7 15.6 23.4
203 20.5 14.0 21.0



#29
Terphenyl-d14
Concen: 0.129 ng
RT: 19.69 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Tgt Ion:244 Resp: 2103
Ion Ratio Lower Upper
244 100
212 245.4 27.3 40.9#
122 22.0 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 3.538 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

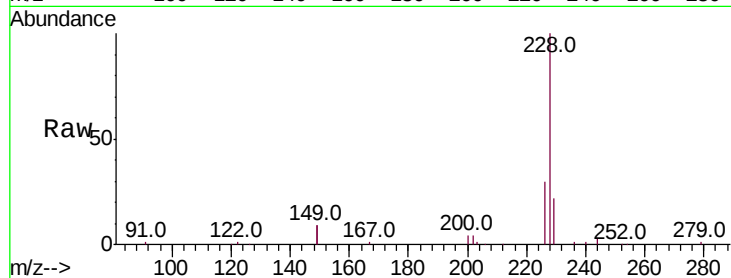
Tot Ion:228 Resp: 91377

Ion Ratio Lower Upper

228 100

226 30.0 23.2 34.8

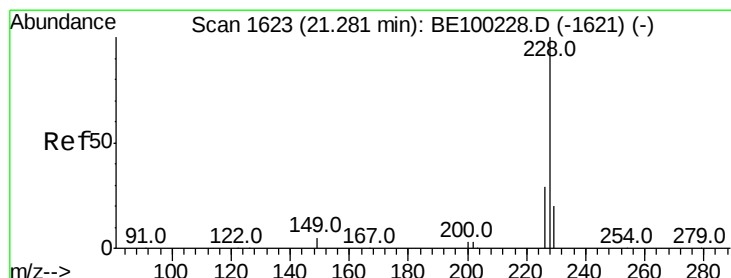
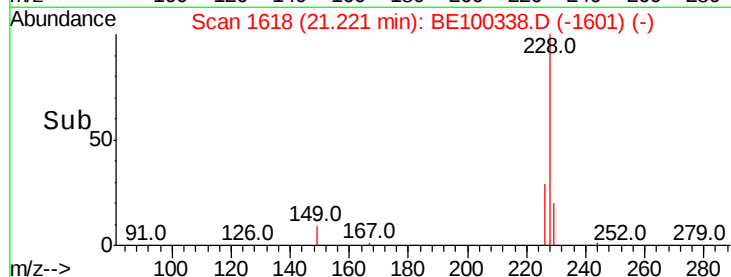
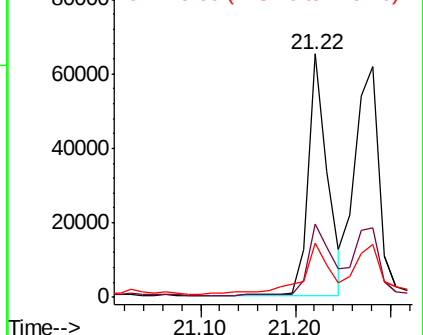
229 22.0 15.7 23.5



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: 4.167 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

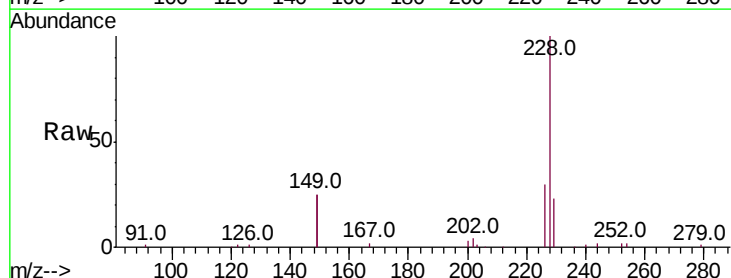
Tgt Ion:228 Resp: 108052

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

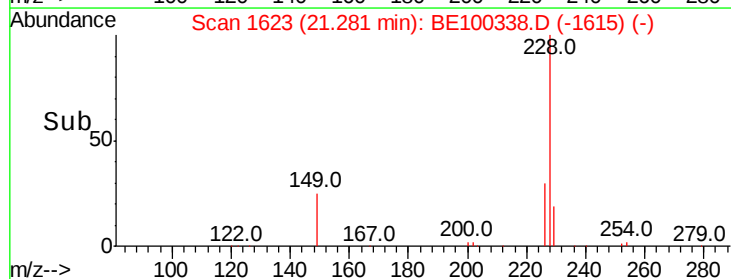
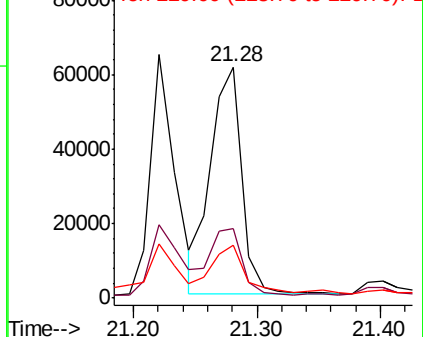
229 23.0 16.5 24.7

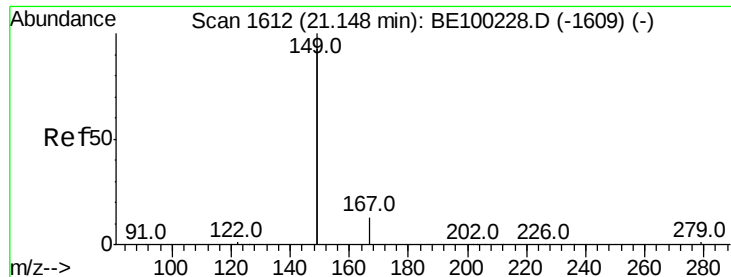


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 10.977 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

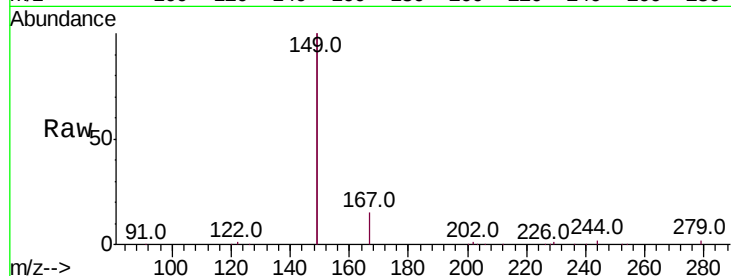
Tot Ion:149 Resp: 402743

Ion Ratio Lower Upper

149 100

167 6.1 5.8 8.8

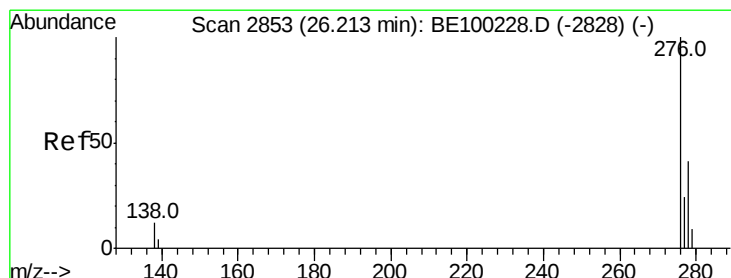
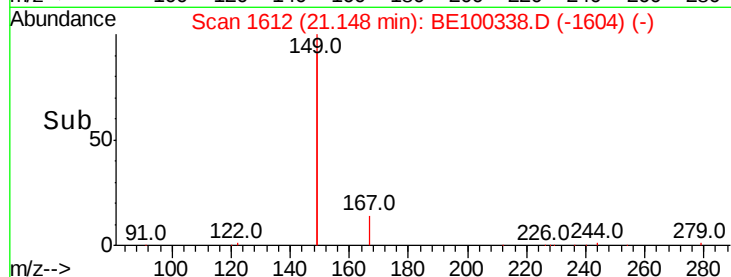
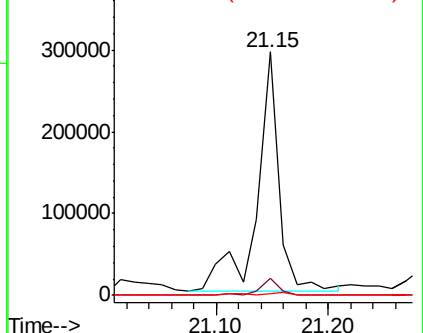
279 1.9 1.1 1.7#



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: 1.745 ng

RT: 26.22 min Scan# 2855

Delta R.T. 0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

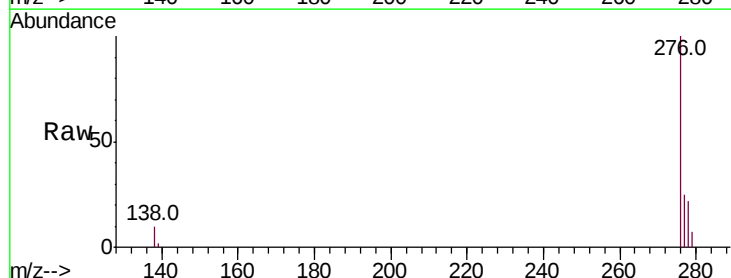
Tgt Ion:276 Resp: 59859

Ion Ratio Lower Upper

276 100

138 9.1 9.4 14.0#

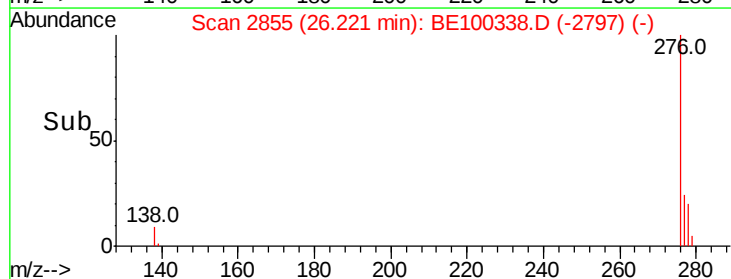
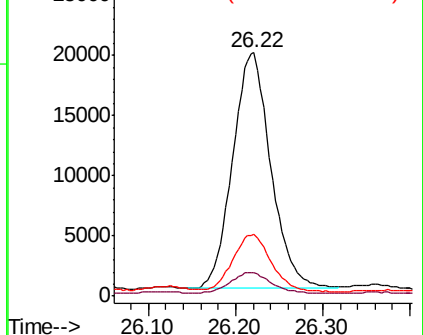
277 24.4 19.2 28.8

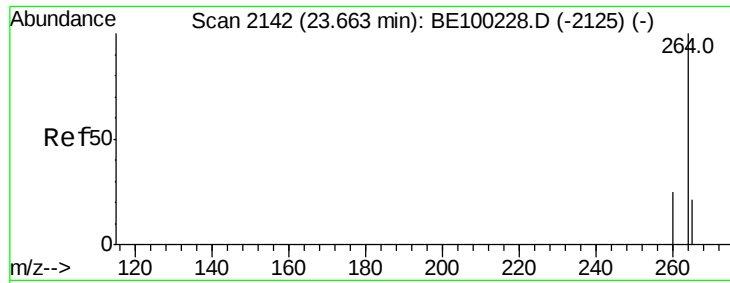


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

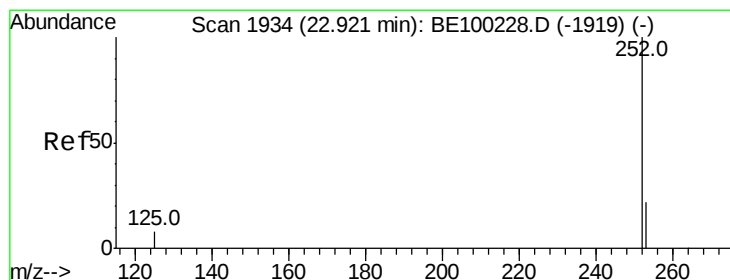
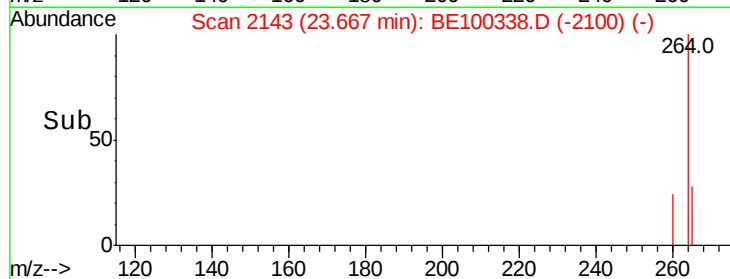
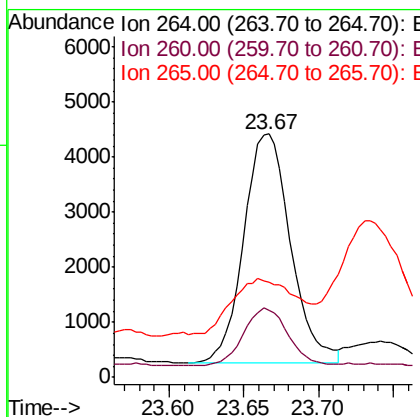
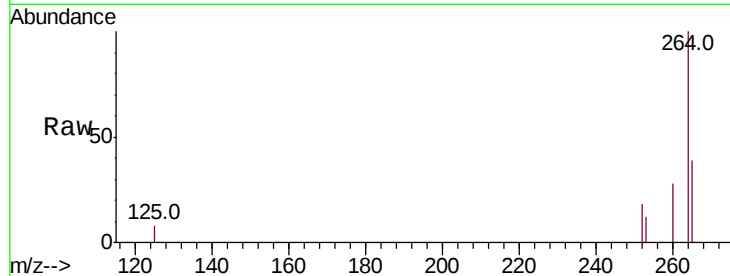




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

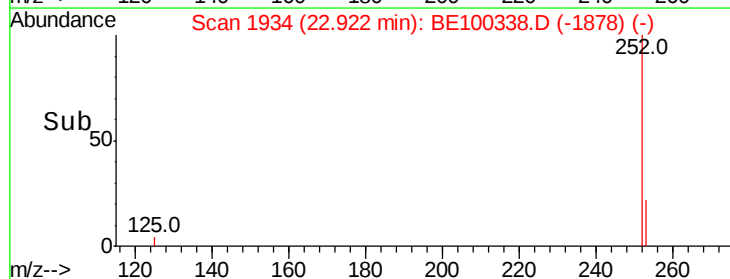
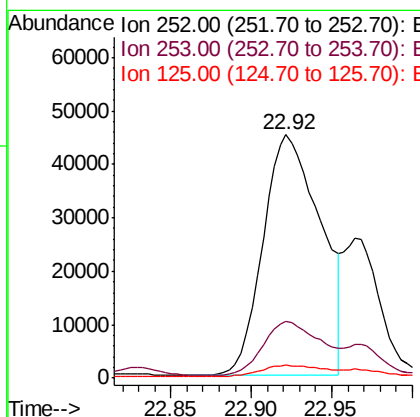
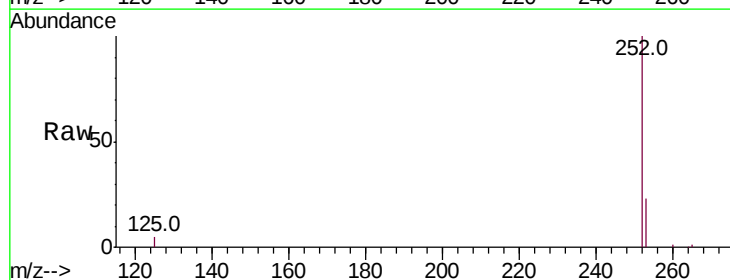
Instrument :
BNA_E
ClientSampleId :
EXT-016-SW098-062519

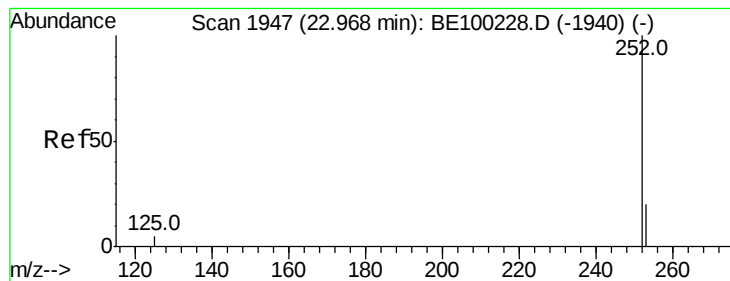
Tot Ion:264 Resp: 9011
Ion Ratio Lower Upper
264 100
260 27.6 20.8 31.2
265 39.1 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 4.579 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100338.D
Acq: 3 Jul 2019 20:52

Tgt Ion:252 Resp: 111871
Ion Ratio Lower Upper
252 100
253 23.1 19.2 28.8
125 5.2 7.4 11.0#





#36

Benzo(k)fluoranthene

Concen: 4.102 ng

RT: 22.92 min Scan# 1934

Delta R.T. -0.05 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

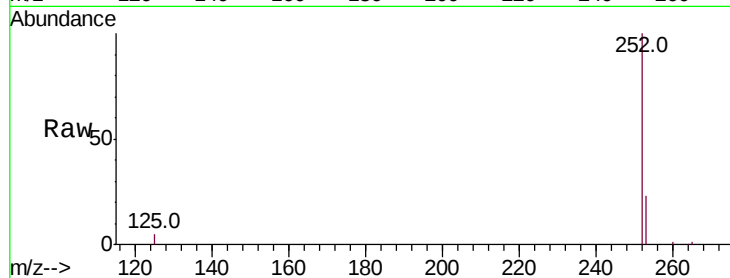
Tot Ion:252 Resp: 111871

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

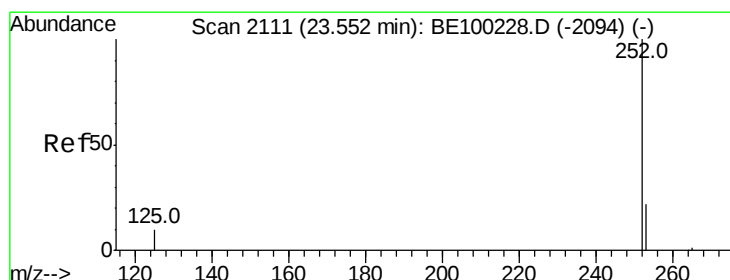
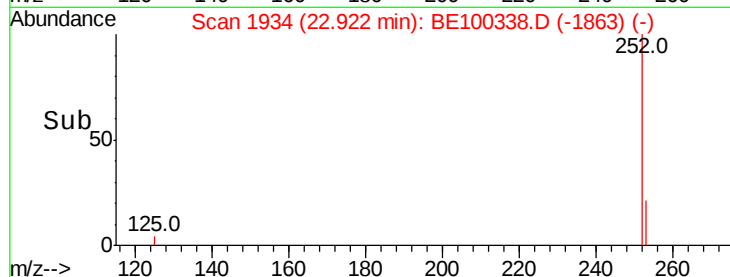
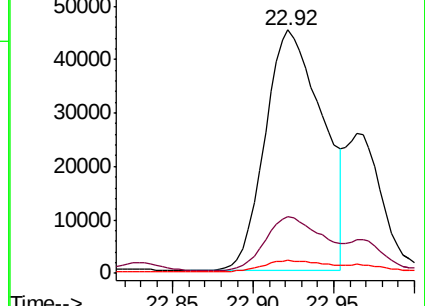
125 5.2 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#37

Benzo(a)pyrene

Concen: 0.706 ng

RT: 23.72 min Scan# 2157

Delta R.T. 0.16 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

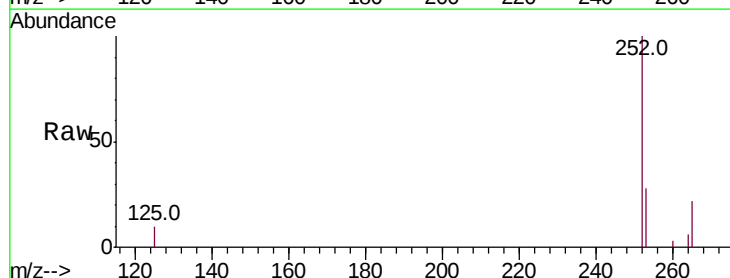
Tgt Ion:252 Resp: 17293

Ion Ratio Lower Upper

252 100

253 28.4 19.6 29.4

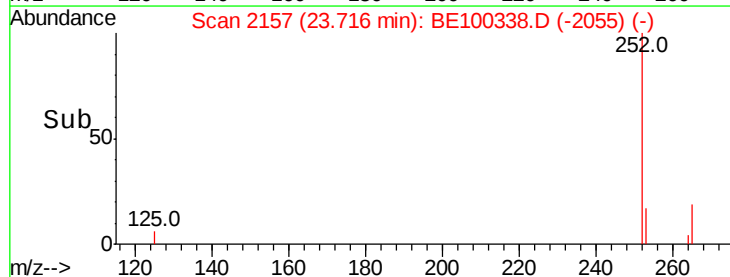
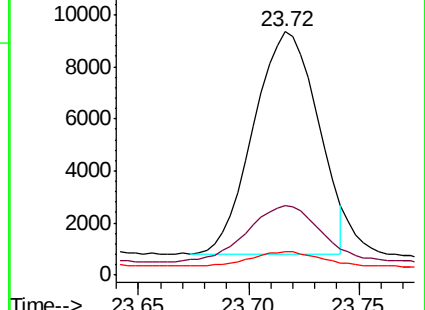
125 9.6 9.0 13.6

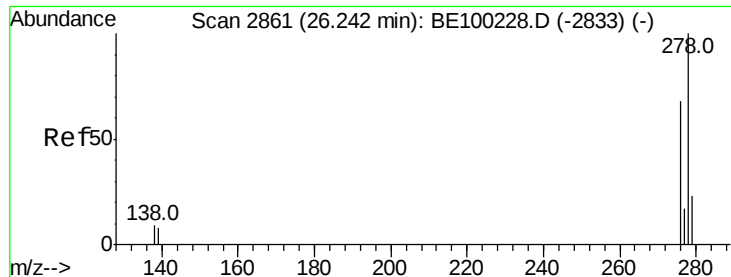


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.595 ng

RT: 26.22 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW098-062519

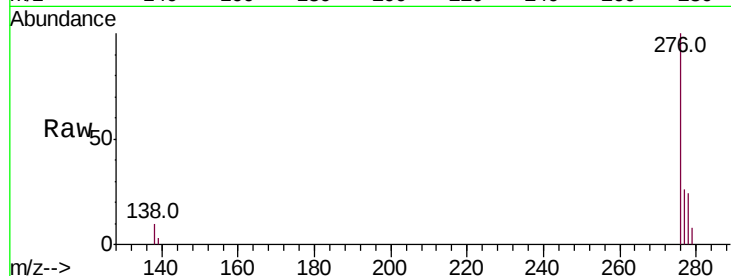
Tot Ion:278 Resp: 15212

Ion Ratio Lower Upper

278 100

139 10.7 8.2 12.2

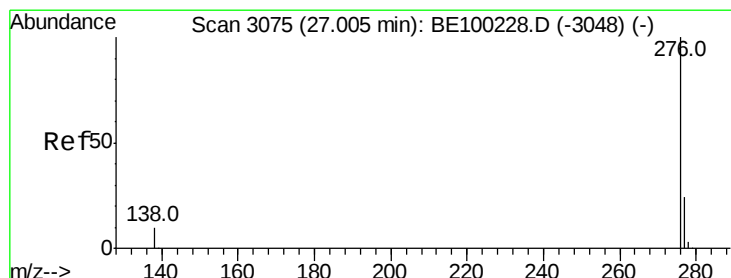
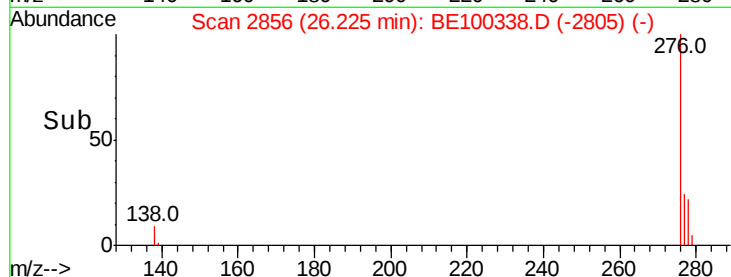
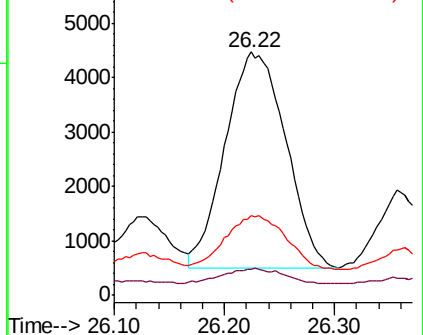
279 33.0 20.3 30.5#



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(g,h,i)perylene

Concen: 2.582 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100338.D

Acq: 3 Jul 2019 20:52

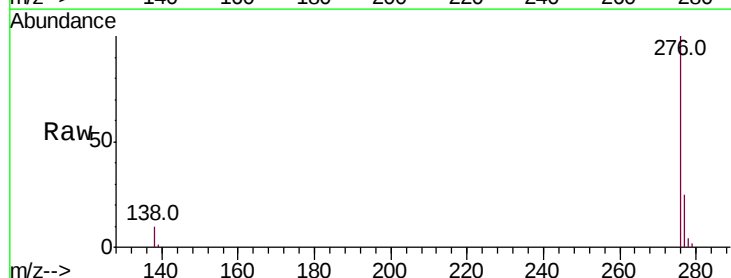
Tgt Ion:276 Resp: 67839

Ion Ratio Lower Upper

276 100

277 24.9 20.2 30.2

138 9.9 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

