

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100403.D
 Acq On : 6 Jul 2019 4:55
 Operator : JU/SJ
 Sample : K3561-05MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Quant Time: Jul 06 05:41:03 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	7.62	152	610	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2001	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1502	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	4676	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	6027	0.40	ng	-0.01
34) Perylene-d12	23.65	264	7521	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	522	0.34	ng	-0.01
5) Phenol-d6	6.81	99	657	0.32	ng	-0.02
8) Nitrobenzene-d5	8.80	82	530	0.27	ng	-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1533	0.41	ng	-0.03
14) 2,4,6-Tribromophenol	15.80	330	380	0.36	ng	-0.03
15) 2-Fluorobiphenyl	12.91	172	1951	0.33	ng	-0.03
25) Fluoranthene-d10	19.08	212	18602	0.27	ng	-0.02
29) Terphenyl-d14	19.68	244	4231	0.34	ng	-0.02

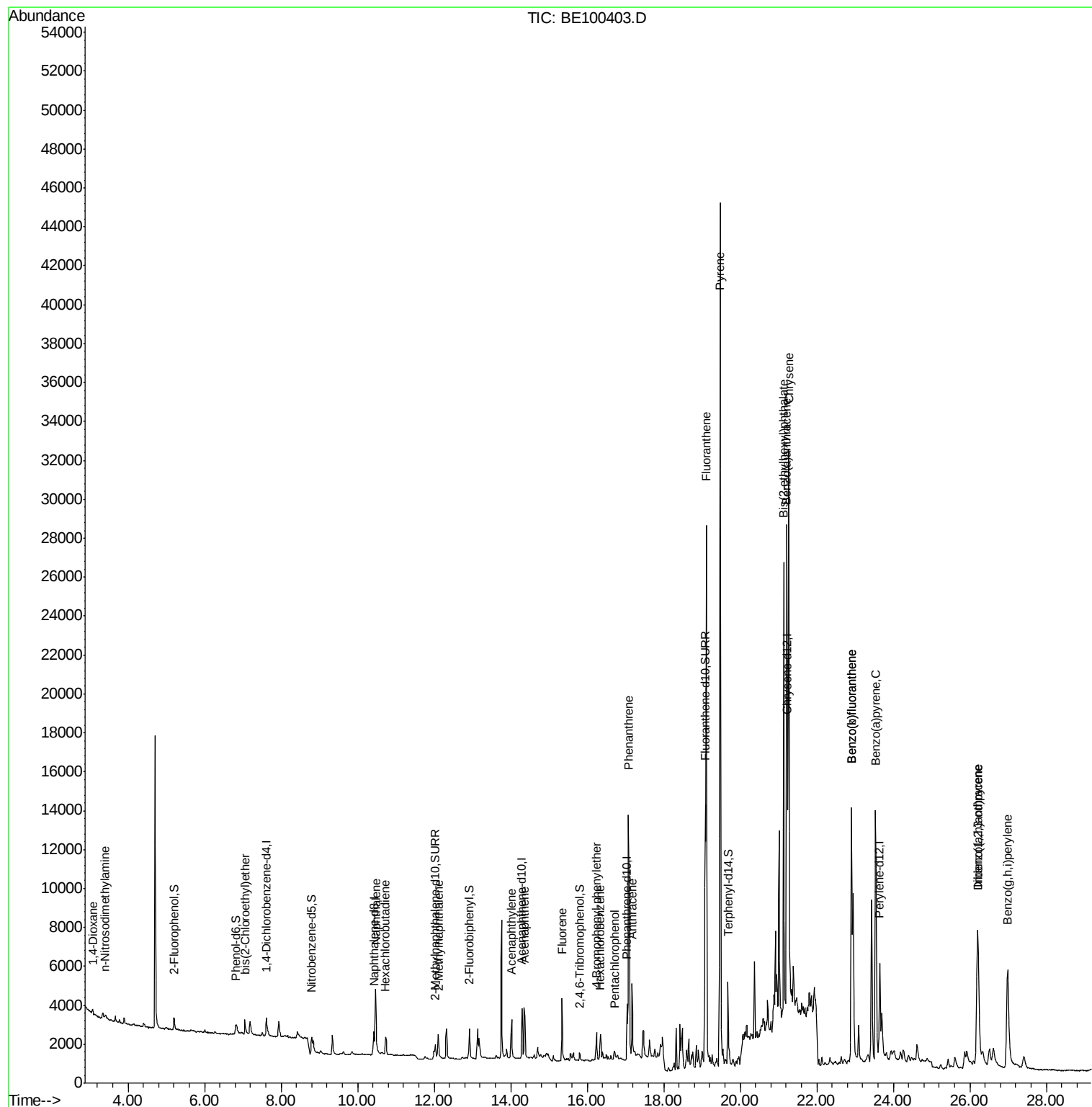
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	209	0.221 ng	#	56
3) n-Nitrosodimethylamine	3.41	42	200	0.453 ng	#	73
6) bis(2-Chloroethyl)ether	7.06	93	447	0.266 ng	#	53
9) Naphthalene	10.47	128	7417	0.336 ng		99
10) Hexachlorobutadiene	10.73	225	699	0.329 ng		97
12) 2-Methylnaphthalene	12.11	142	1193	0.308 ng		98
16) Acenaphthylene	14.02	152	2598	0.360 ng		99
17) Acenaphthene	14.36	154	1454	0.356 ng		93
18) Fluorene	15.34	166	2172	0.360 ng		98
20) 4-Bromophenyl-phenylether	16.24	248	904	0.303 ng		91
21) Hexachlorobenzene	16.35	284	924	0.298 ng		95
22) Pentachlorophenol	16.72	266	364	0.390 ng		99
23) Phenanthrene	17.08	178	15587	1.375 ng		99
24) Anthracene	17.18	178	4562	0.447 ng	#	95
26) Fluoranthene	19.11	202	27119	1.502 ng		99
28) Pyrene	19.48	202	44637	2.797 ng	#	94
30) Benzo(a)anthracene	21.21	228	25822	1.303 ng		98
31) Chrysene	21.27	228	29943	1.505 ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	21310	0.703 ng		100
33) Indeno(1,2,3-cd)pyrene	26.20	276	14802	0.562 ng		97
35) Benzo(b)fluoranthene	22.91	252	23388	1.147 ng		98
36) Benzo(k)fluoranthene	22.91	252	23388	1.028 ng	#	96
37) Benzo(a)pyrene	23.54	252	21562	1.055 ng	#	97
38) Dibenzo(a,h)anthracene	26.22	278	7489	0.351 ng		92
39) Benzo(g,h,i)perylene	26.99	276	16108	0.735 ng		100

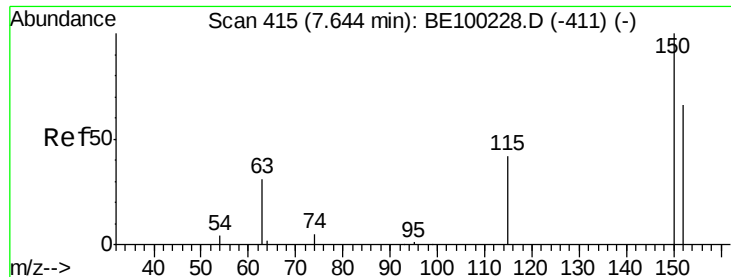
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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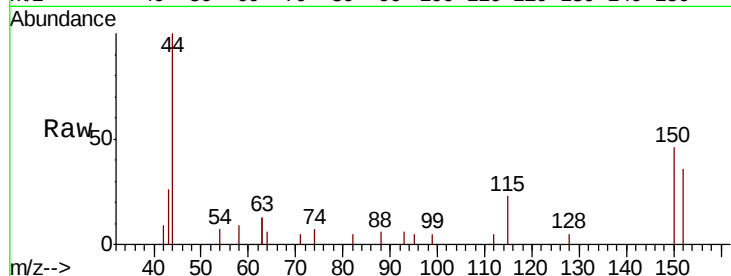


#1

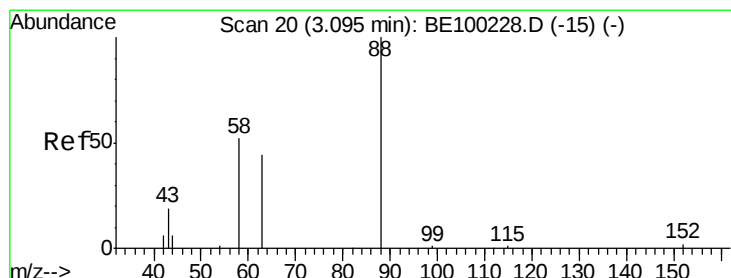
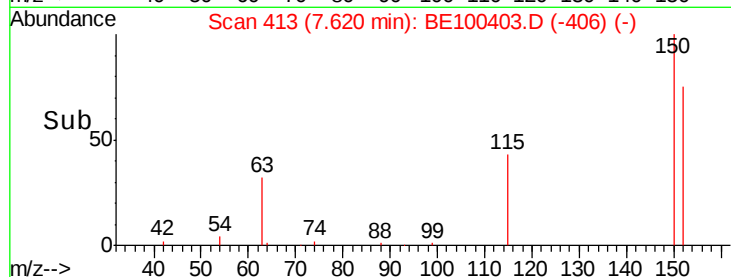
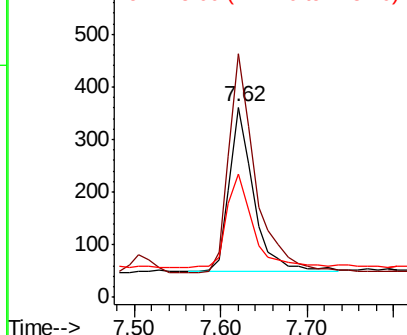
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.62 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW099-062519MS

Tgt Ion: 152 Resp: 610
 Ion Ratio Lower Upper
 152 100
 150 128.3 114.5 171.7
 115 64.8 57.1 85.7



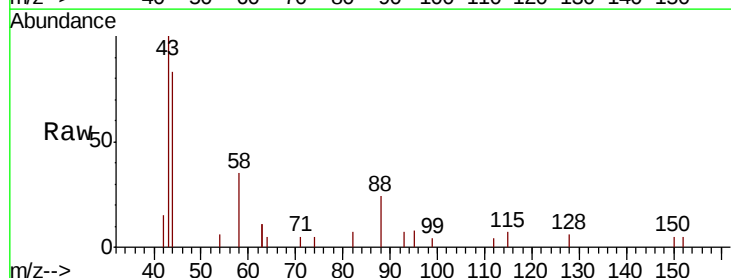
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



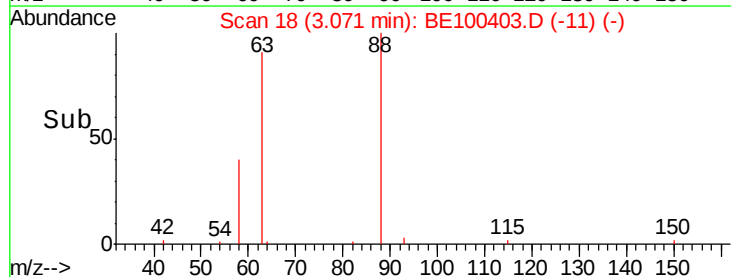
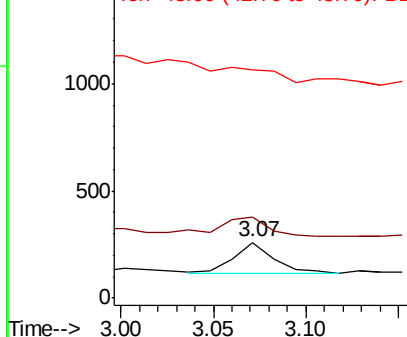
#2

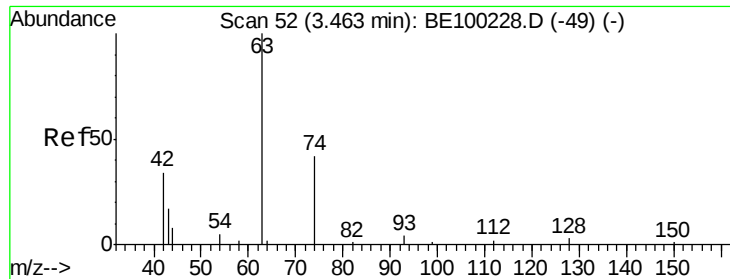
1,4-Dioxane
 Concen: 0.221 ng
 RT: 3.07 min Scan# 18
 Delta R.T. -0.02 min
 Lab File: BE100403.D
 Acq: 6 Jul 2019 4:55

Tgt Ion: 88 Resp: 209
 Ion Ratio Lower Upper
 88 100
 58 83.3 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





#3

n-Nitrosodimethylamine

Concen: 0.453 ng

RT: 3.41 min Scan# 47

Delta R.T. -0.06 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

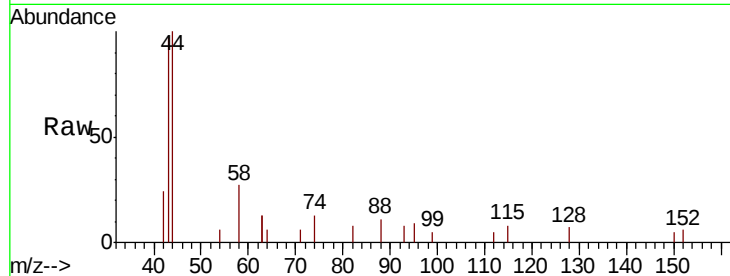
Tgt Ion: 42 Resp: 200

Ion Ratio Lower Upper

42 100

74 143.5 130.6 196.0

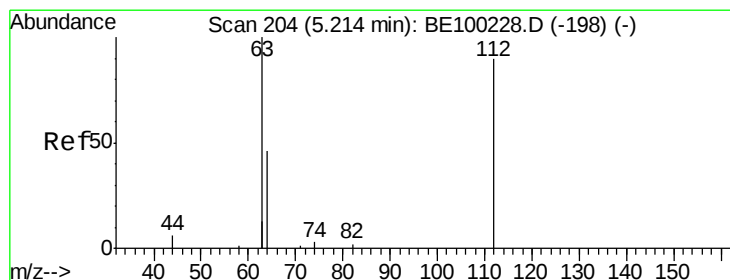
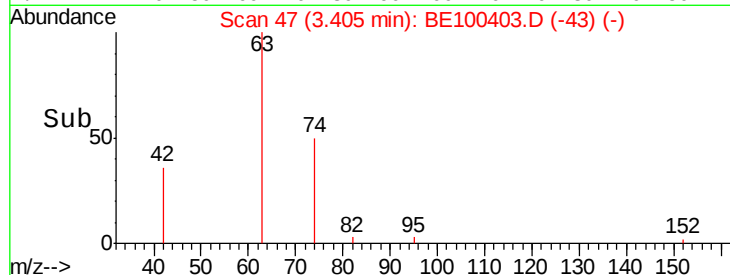
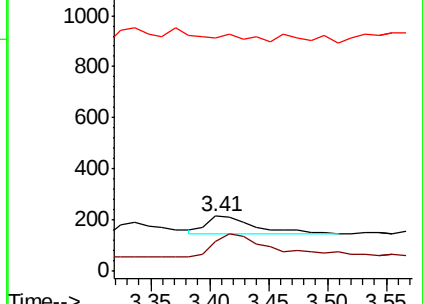
44 0.0 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.336 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

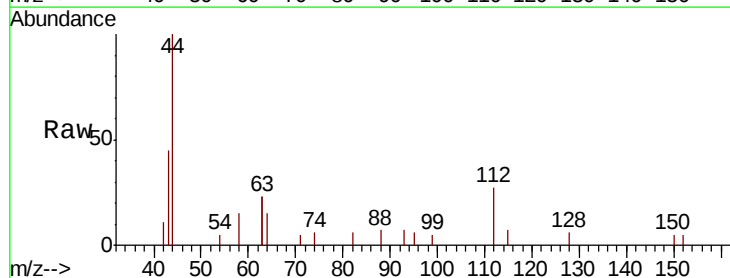
Tgt Ion: 112 Resp: 522

Ion Ratio Lower Upper

112 100

64 49.4 39.4 59.0

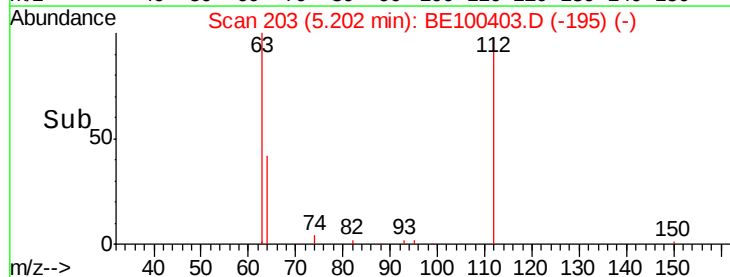
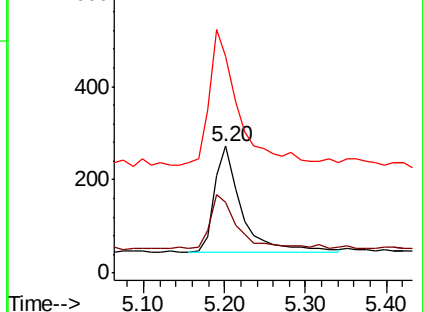
63 135.8 104.5 156.7



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: 0.321 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

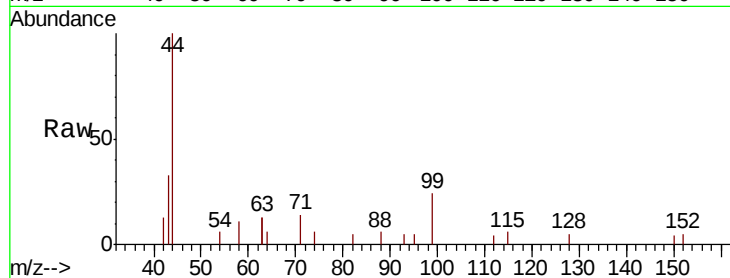
Tgt Ion: 99 Resp: 657

Ion Ratio Lower Upper

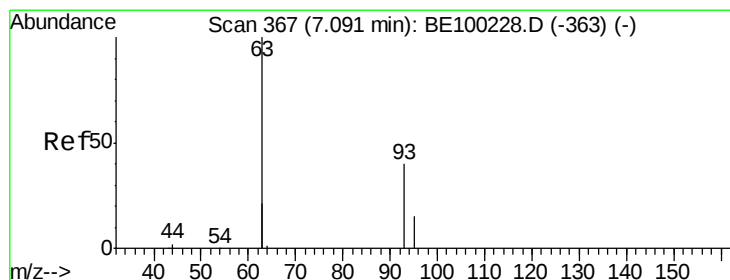
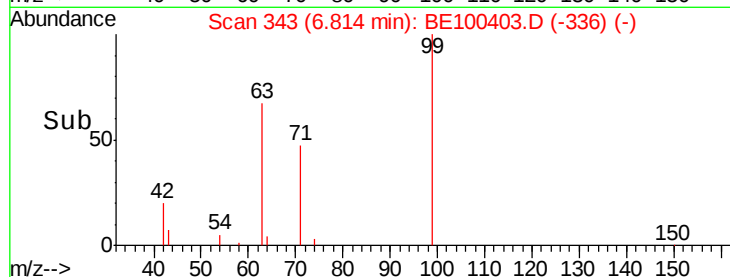
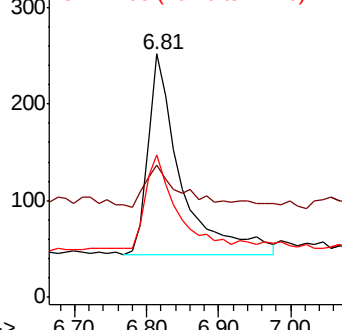
99 100

42 24.4 11.2 16.8#

71 43.4 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: 0.266 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

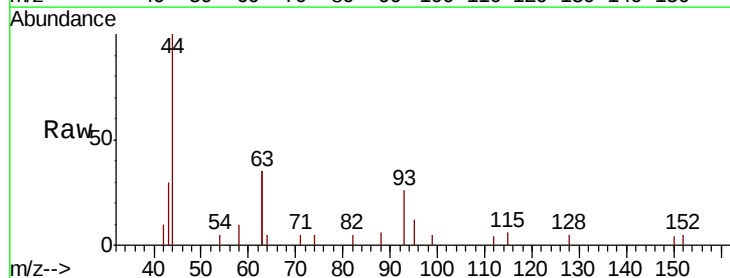
Tgt Ion: 93 Resp: 447

Ion Ratio Lower Upper

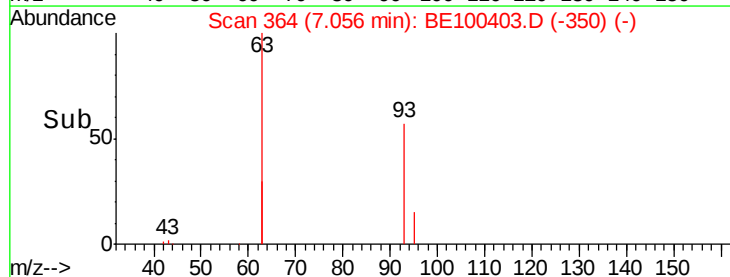
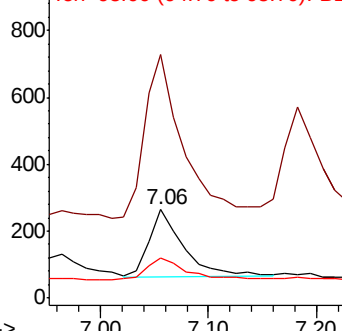
93 100

63 272.5 155.6 233.4#

95 36.2 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: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

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ClientSampleId :

EXT-016-SW099-062519MS

Tgt Ion: 136 Resp: 2001

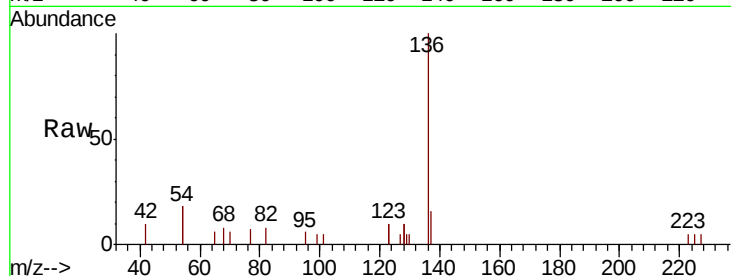
Ion Ratio Lower Upper

136 100

137 15.5 11.8 17.8

54 35.0 27.7 41.5

68 8.5 6.8 10.2

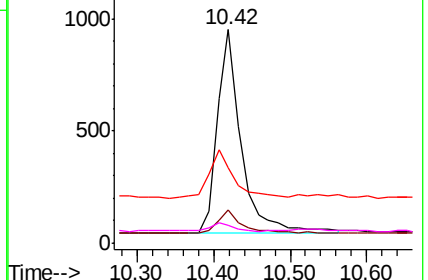
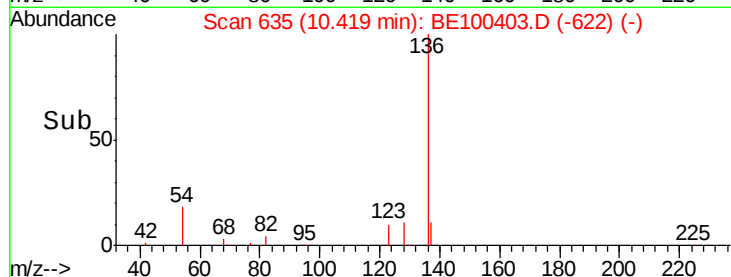


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.267 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

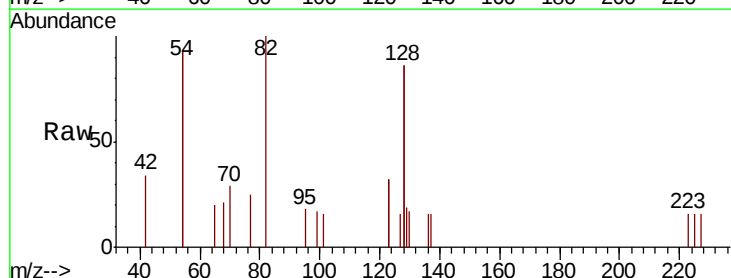
Tgt Ion: 82 Resp: 530

Ion Ratio Lower Upper

82 100

128 171.2 140.9 211.3

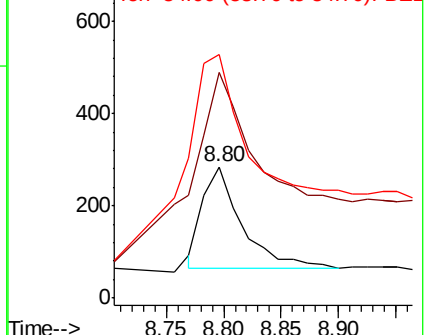
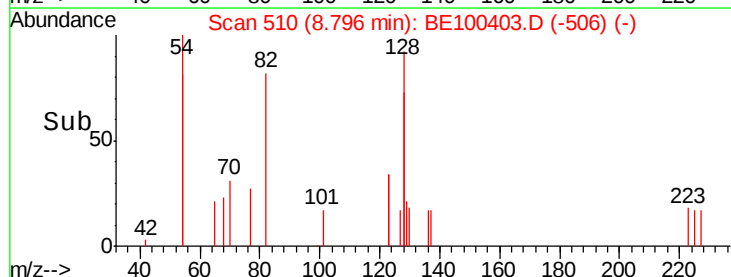
54 185.3 146.2 219.2



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: 0.336 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

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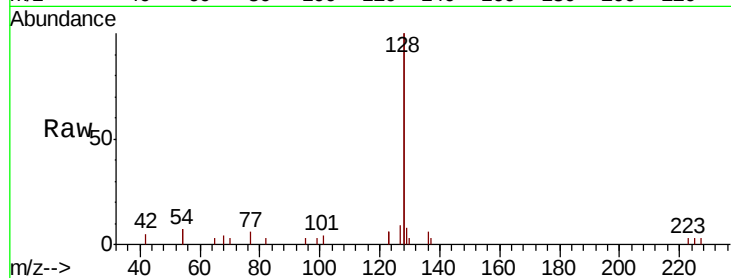
Tgt Ion:128 Resp: 7417

Ion Ratio Lower Upper

128 100

129 4.1 3.0 4.6

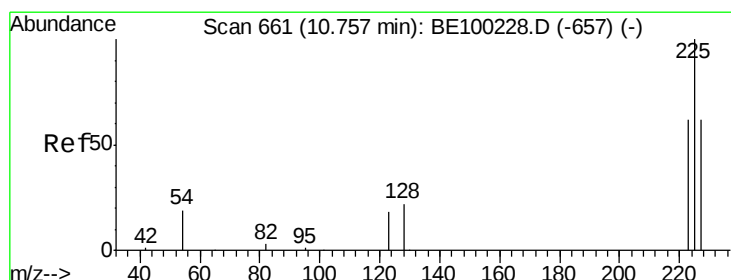
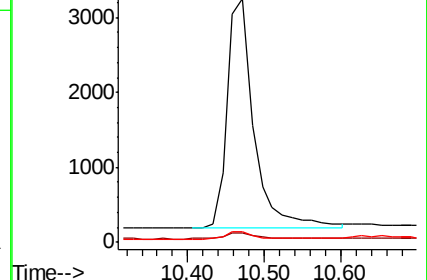
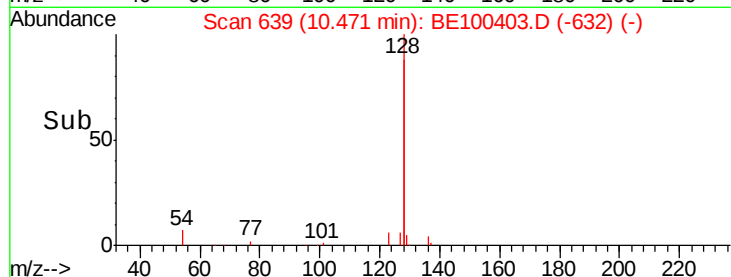
127 4.5 3.5 5.3



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: 0.329 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

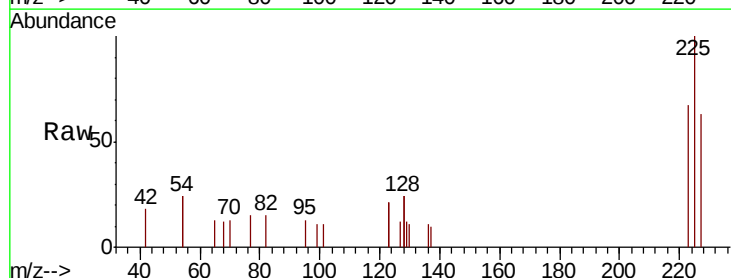
Tgt Ion:225 Resp: 699

Ion Ratio Lower Upper

225 100

223 63.9 49.1 73.7

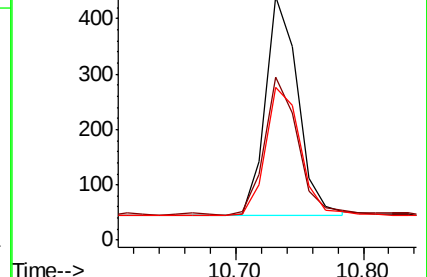
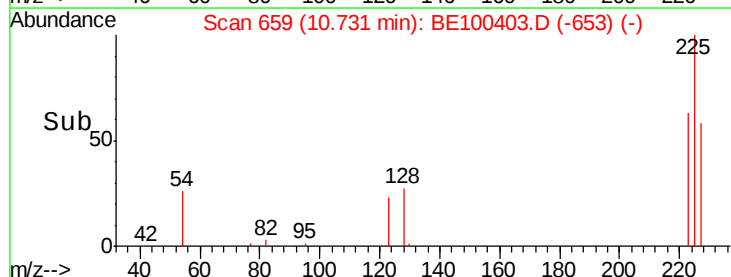
227 62.9 49.3 73.9

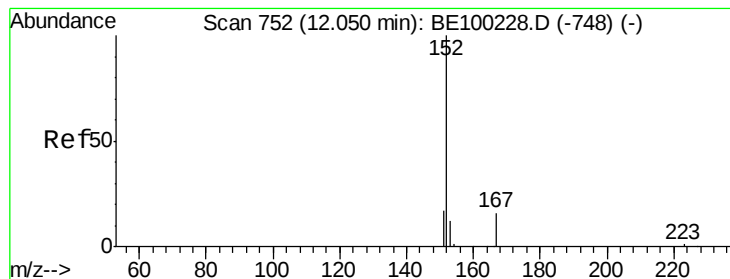


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.02 min Scan# 750

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

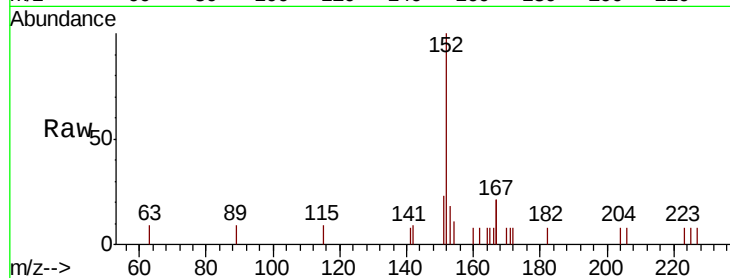
EXT-016-SW099-062519MS

Tgt Ion:152 Resp: 1533

Ion Ratio Lower Upper

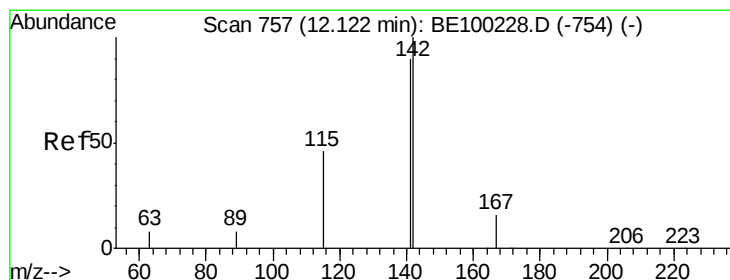
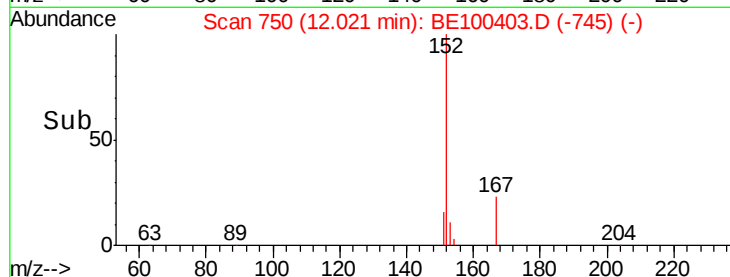
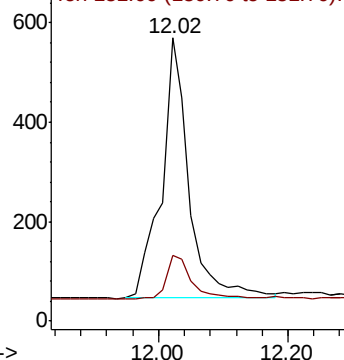
152 100

151 14.8 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: 0.308 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

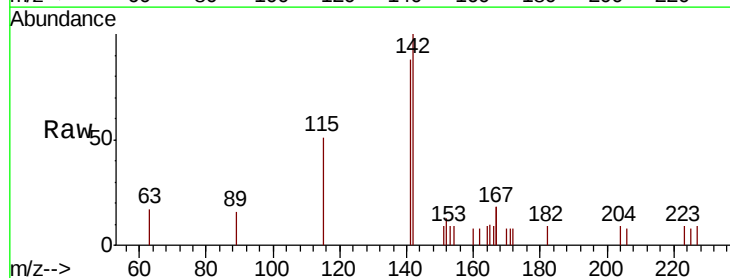
Tgt Ion:142 Resp: 1193

Ion Ratio Lower Upper

142 100

141 88.3 72.4 108.6

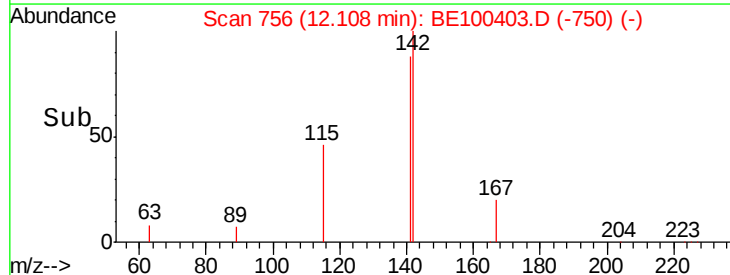
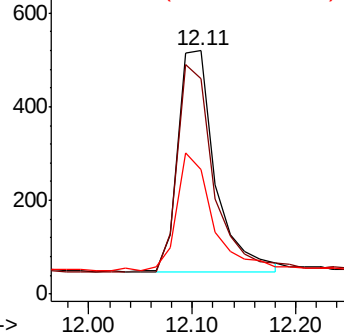
115 51.2 40.4 60.6



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

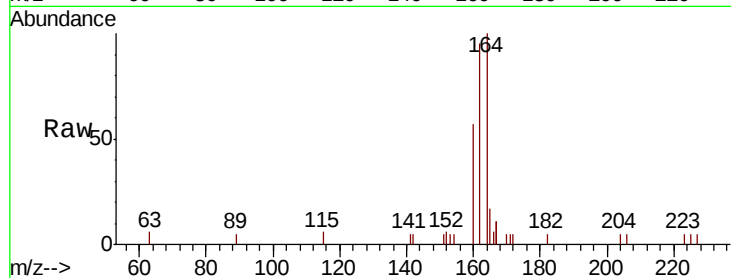




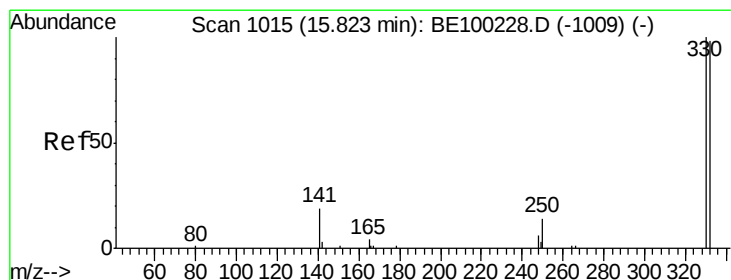
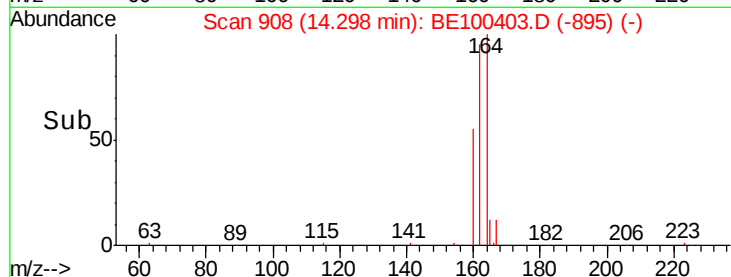
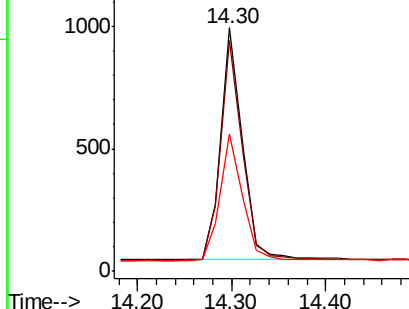
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tgt Ion:164 Resp: 1502
Ion Ratio Lower Upper
164 100
162 94.9 83.4 125.0
160 56.6 45.0 67.6

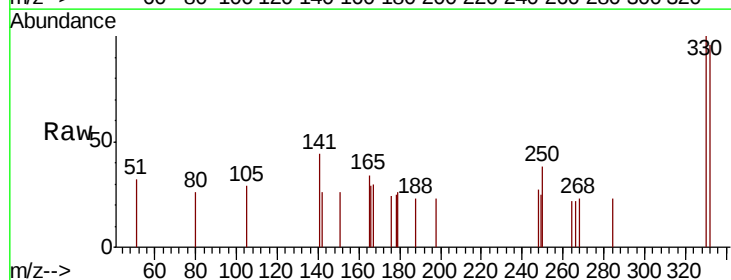


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

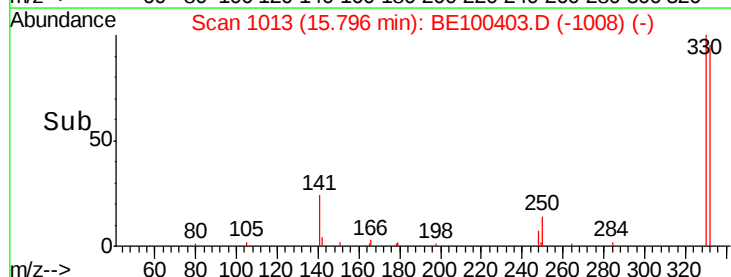
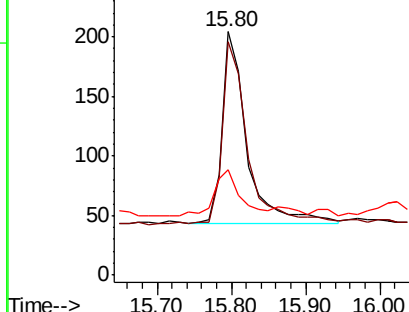


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.80 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion:330 Resp: 380
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 24.2 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

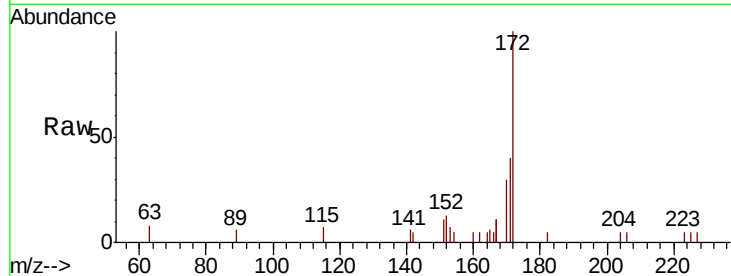




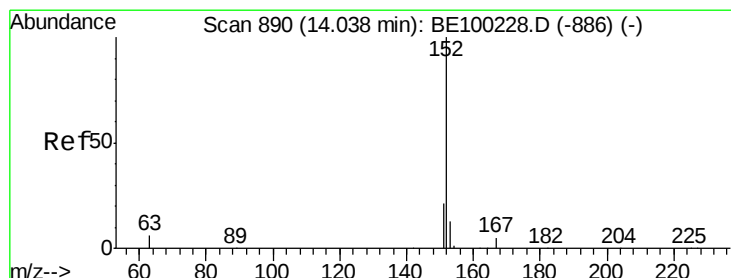
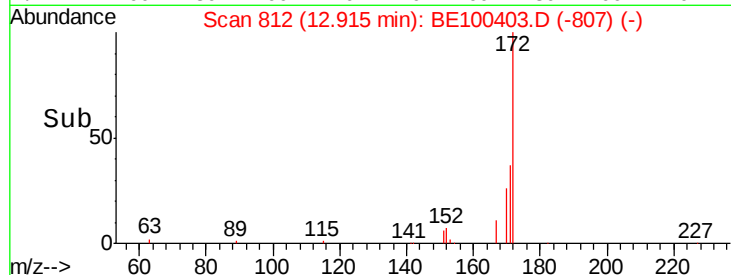
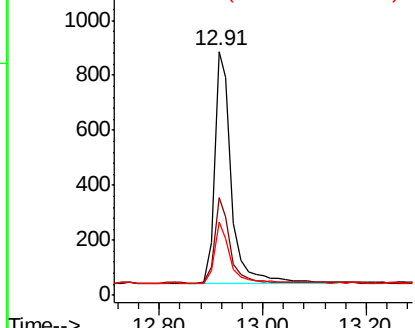
#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 12.91 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tgt Ion:172 Resp: 1951
Ion Ratio Lower Upper
172 100
171 40.0 31.9 47.9
170 30.1 22.2 33.2

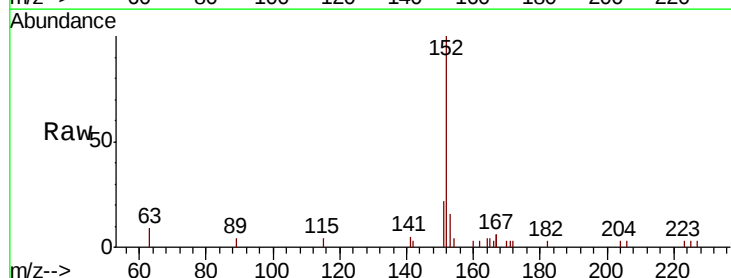


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

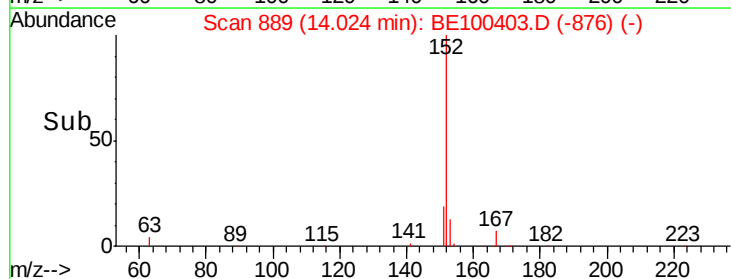
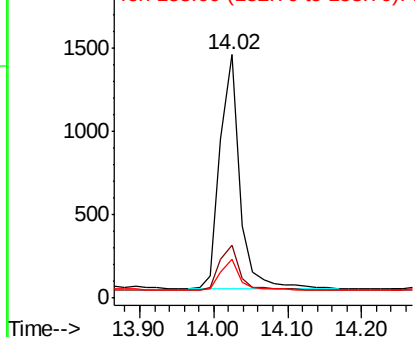


#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion:152 Resp: 2598
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 13.4 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

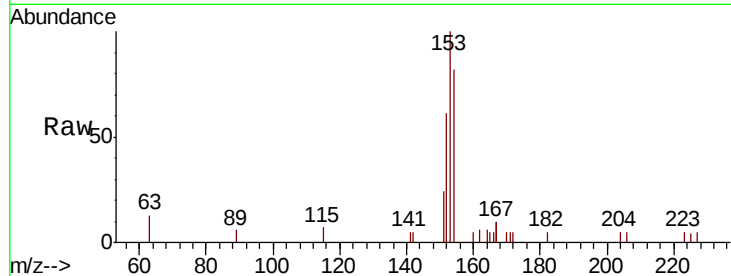




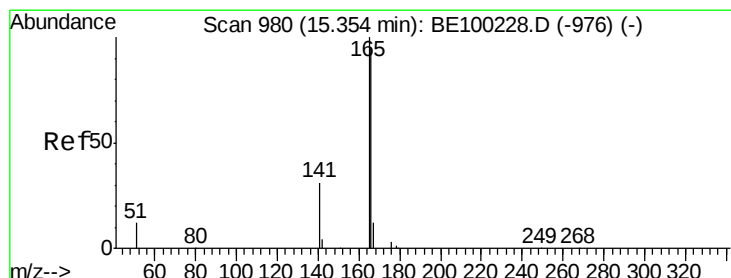
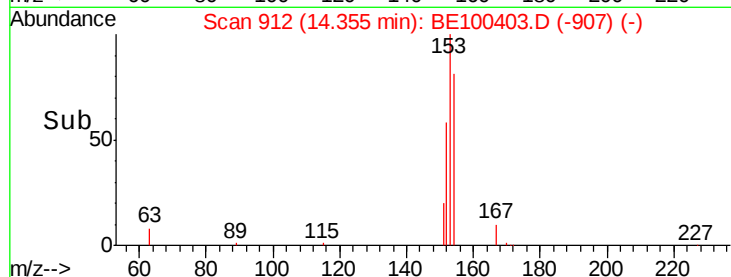
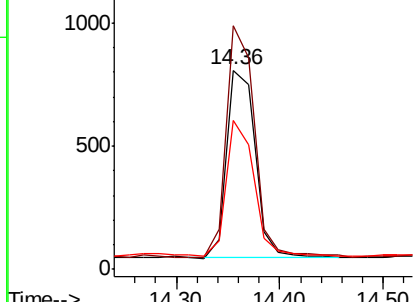
#17
Acenaphthene
Concen: 0.356 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW099-062519MS

Tgt Ion:154 Resp: 1454
Ion Ratio Lower Upper
154 100
153 121.8 93.4 140.2
152 70.0 49.4 74.2

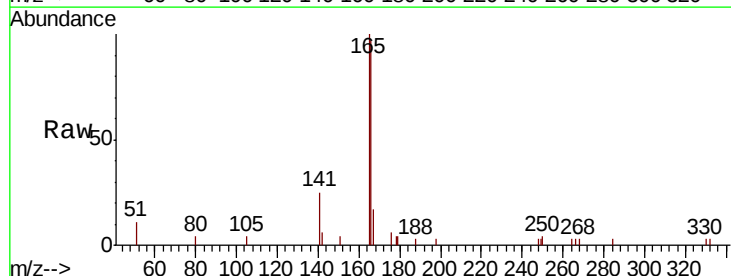


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

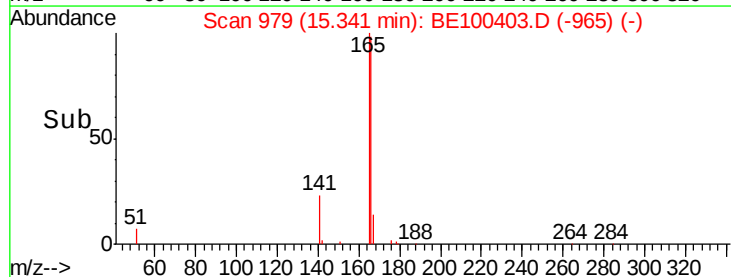
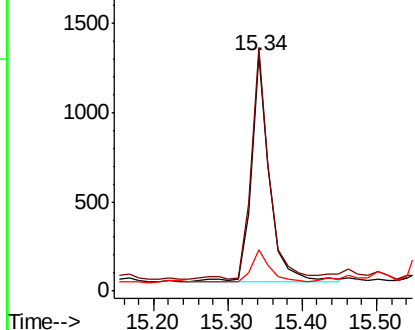


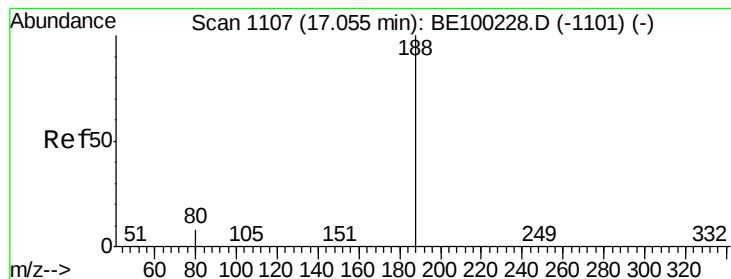
#18
Fluorene
Concen: 0.360 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100403.D
Acq: 6 Jul 2019 4:55

Tgt Ion:166 Resp: 2172
Ion Ratio Lower Upper
166 100
165 98.9 81.1 121.7
167 14.4 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: 17.04 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

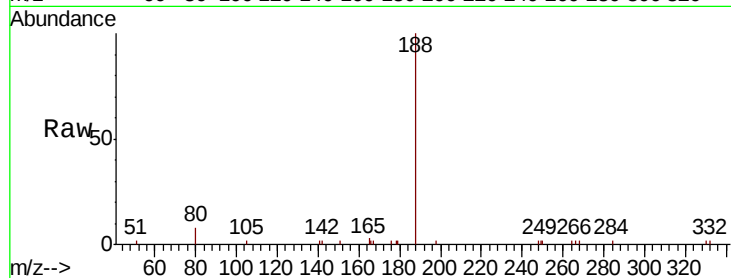
Tgt Ion:188 Resp: 4676

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

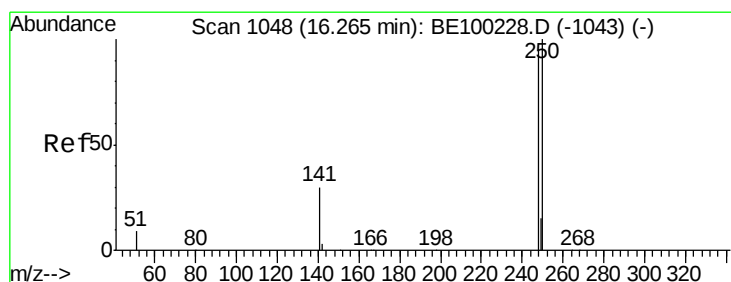
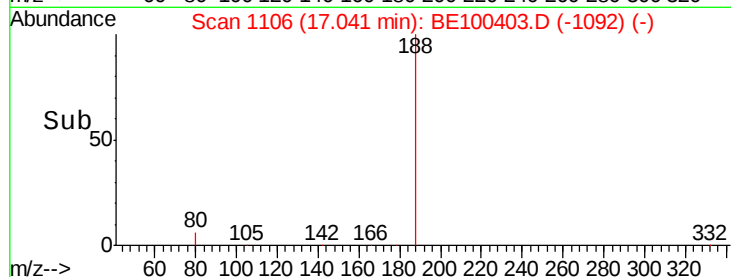
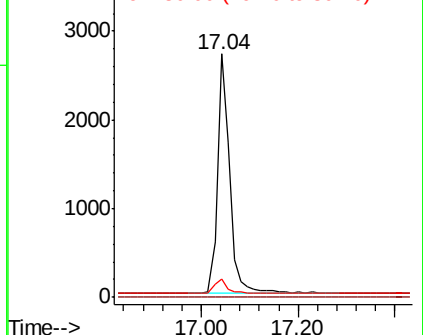
80 7.7 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.303 ng

RT: 16.24 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

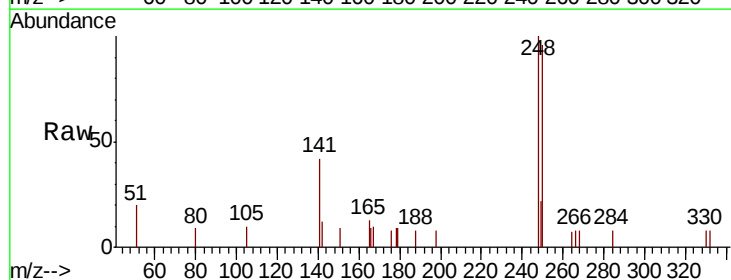
Tgt Ion:248 Resp: 904

Ion Ratio Lower Upper

248 100

250 96.5 84.2 126.4

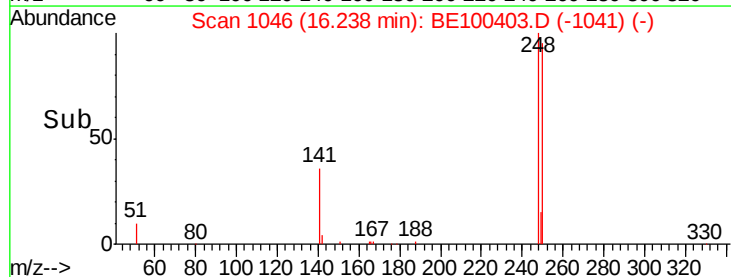
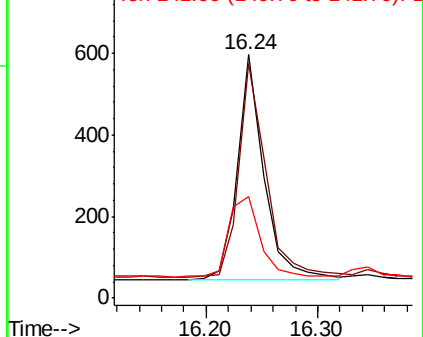
141 41.5 29.3 43.9



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: 0.298 ng

RT: 16.35 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

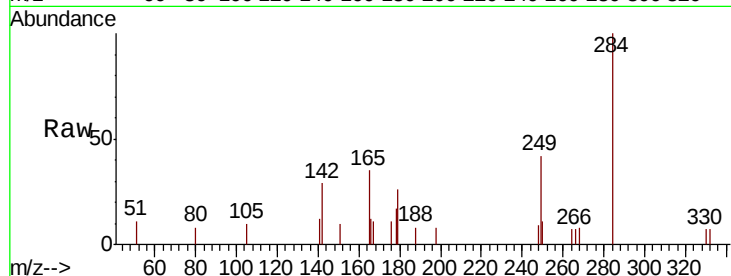
Tgt Ion:284 Resp: 924

Ion Ratio Lower Upper

284 100

142 24.5 18.8 28.2

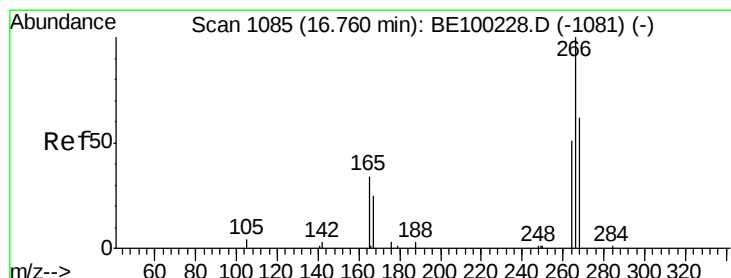
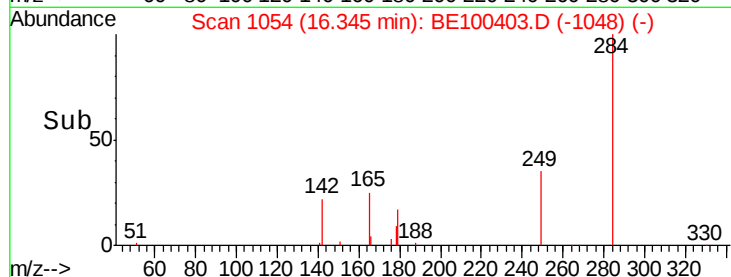
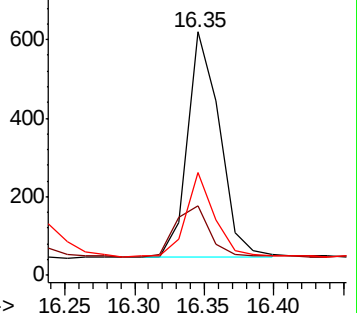
249 33.4 23.7 35.5



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: 0.390 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

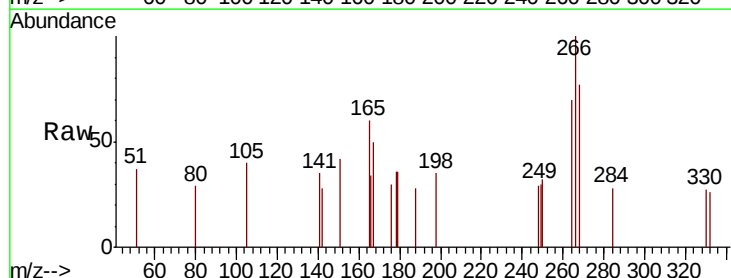
Tgt Ion:266 Resp: 364

Ion Ratio Lower Upper

266 100

264 69.5 56.2 84.2

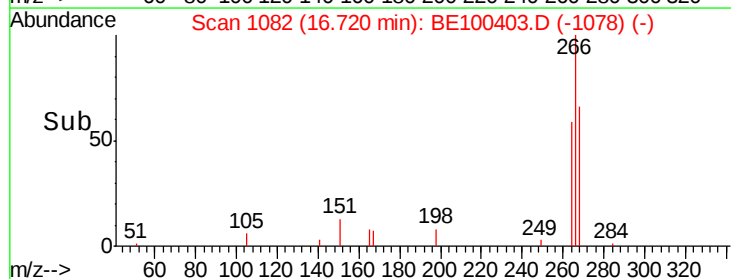
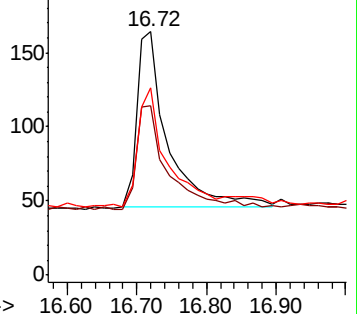
268 76.8 61.8 92.6

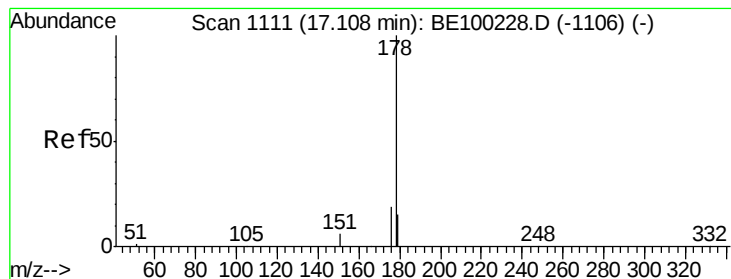


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.375 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

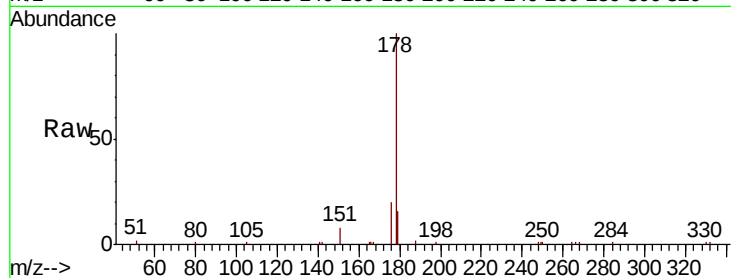
Tgt Ion:178 Resp: 15587

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

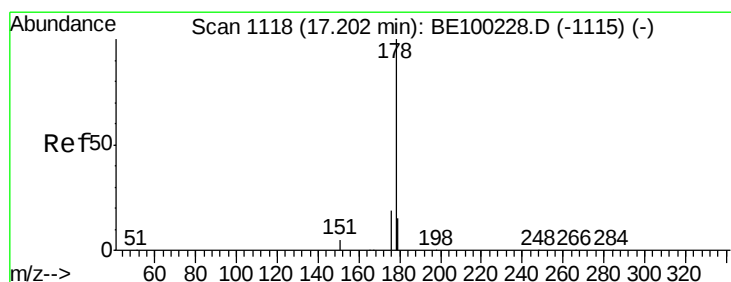
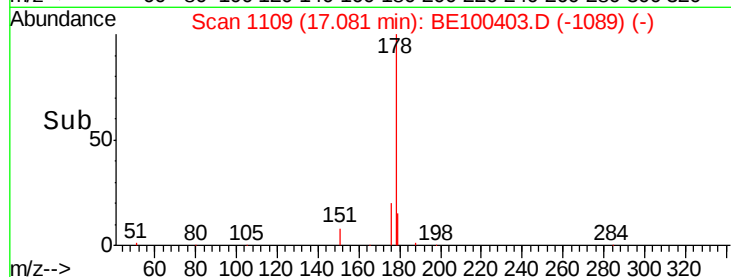
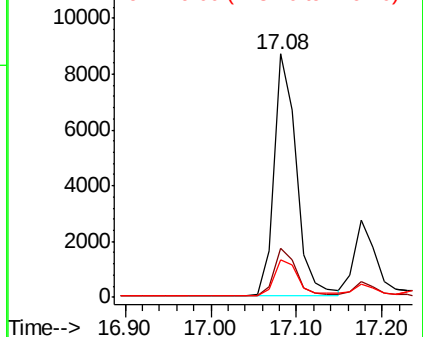
179 16.3 12.2 18.2



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: 0.447 ng

RT: 17.18 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

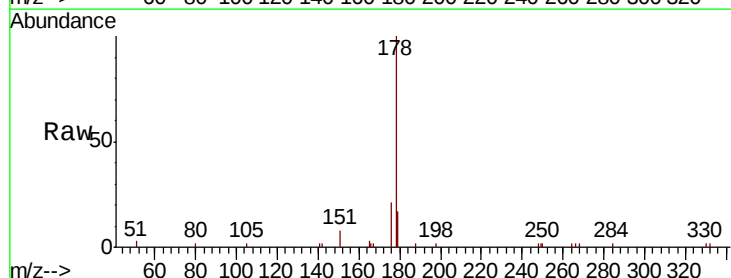
Tgt Ion:178 Resp: 4562

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

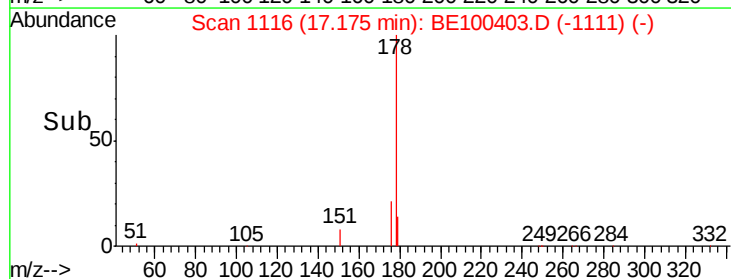
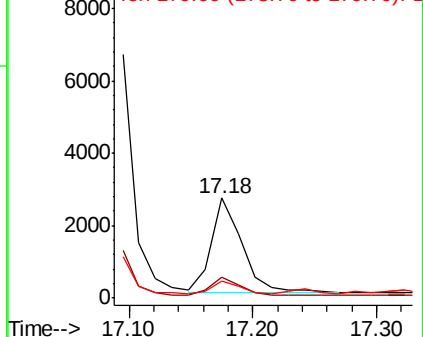
179 11.4 12.2 18.2#

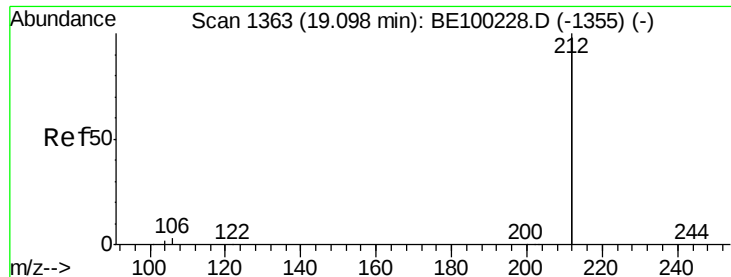


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.274 ng

RT: 19.08 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

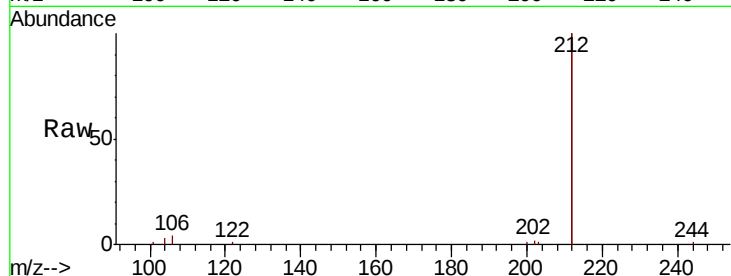
Tgt Ion:212 Resp: 18602

Ion Ratio Lower Upper

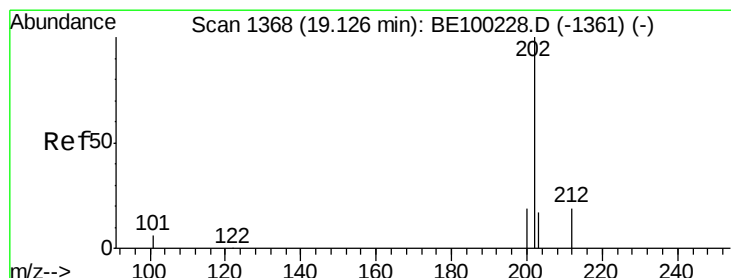
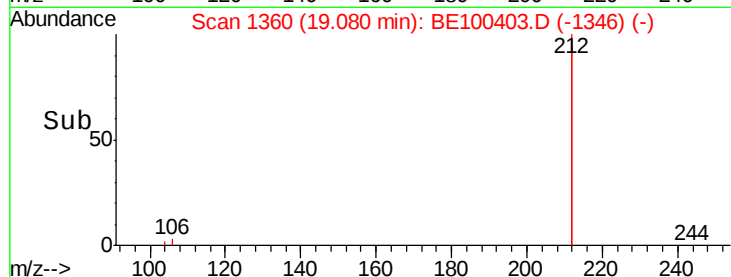
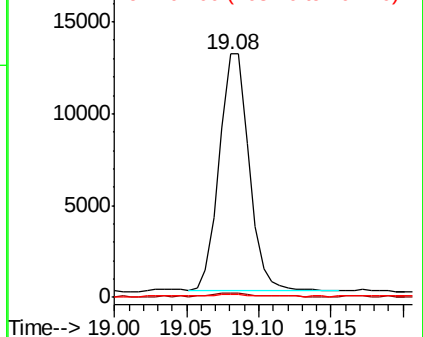
212 100

106 1.5 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: 1.502 ng

RT: 19.11 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

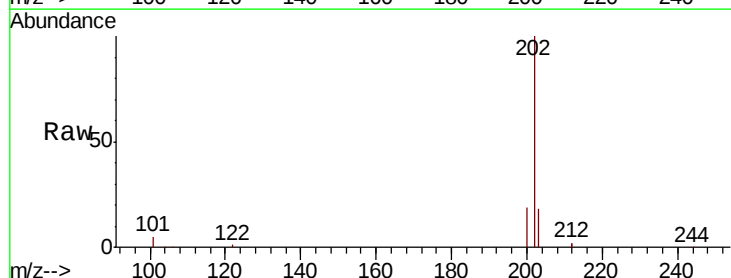
Tgt Ion:202 Resp: 27119

Ion Ratio Lower Upper

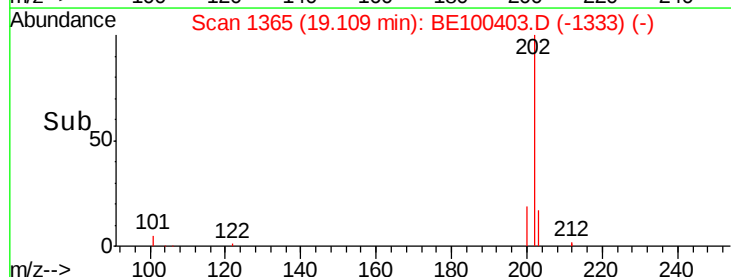
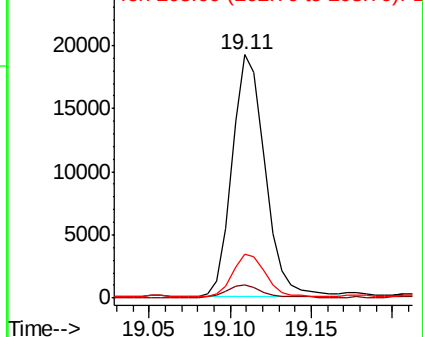
202 100

101 5.2 4.6 7.0

203 17.5 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

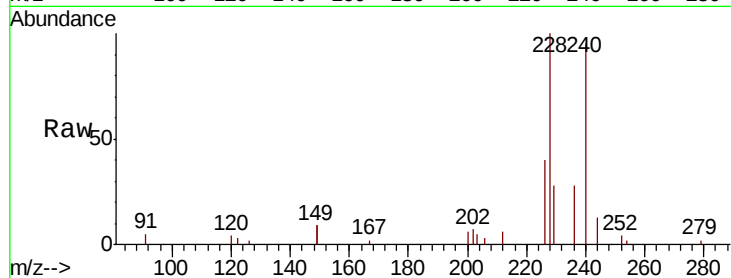
Tgt Ion:240 Resp: 6027

Ion Ratio Lower Upper

240 100

120 4.3 3.3 4.9

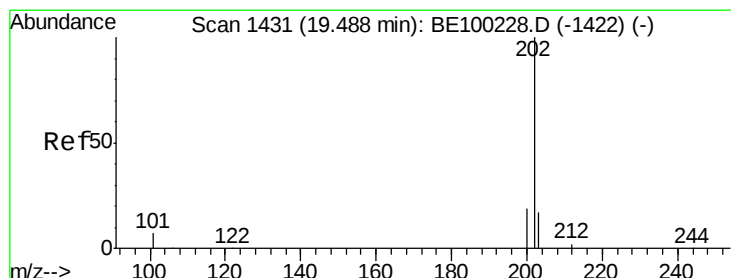
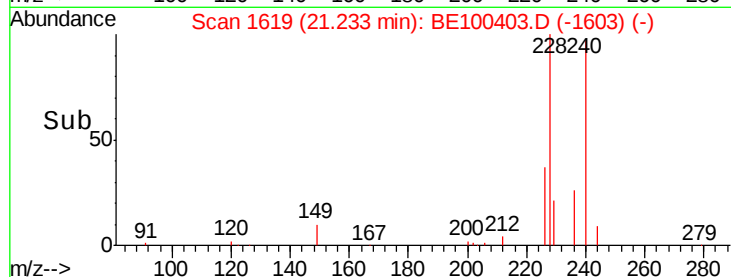
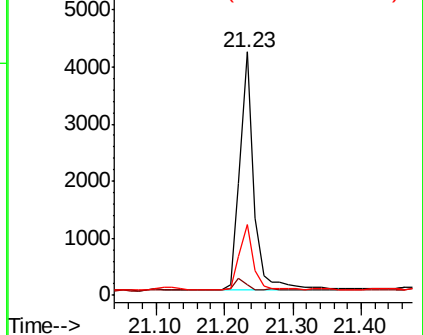
236 29.0 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 2.797 ng

RT: 19.48 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

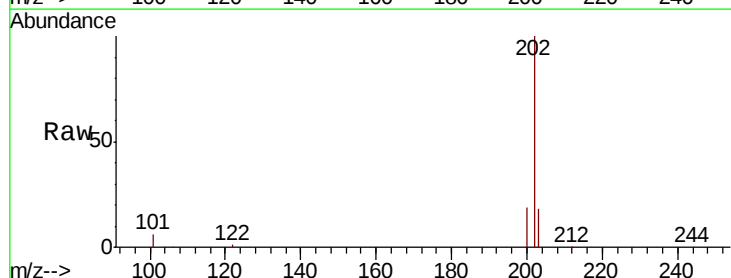
Tgt Ion:202 Resp: 44637

Ion Ratio Lower Upper

202 100

200 20.1 15.6 23.4

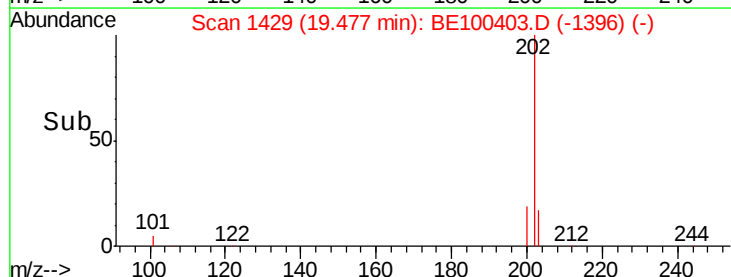
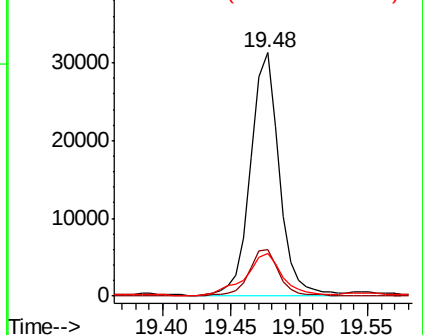
203 22.2 14.0 21.0#



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: 0.339 ng

RT: 19.68 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

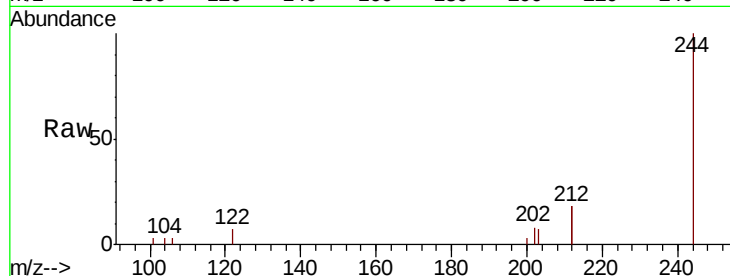
Tgt Ion:244 Resp: 4231

Ion Ratio Lower Upper

244 100

212 36.0 27.3 40.9

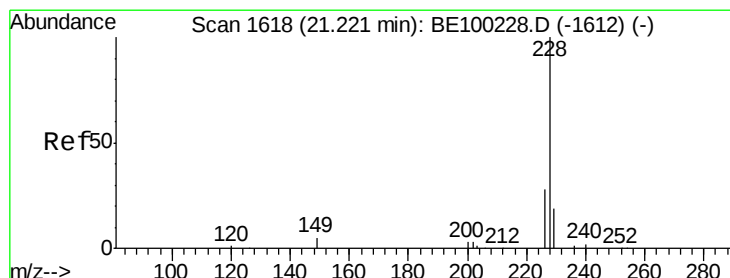
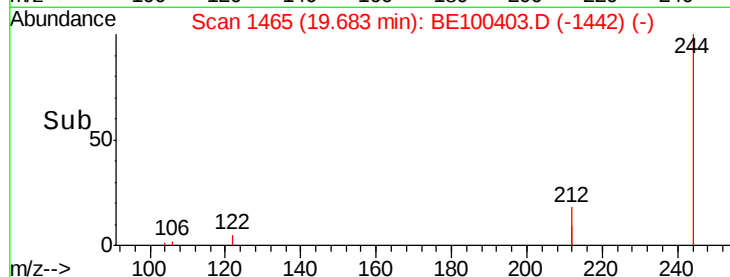
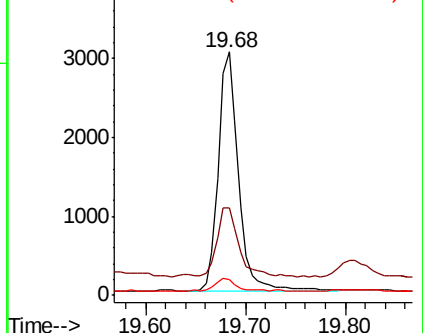
122 6.6 4.7 7.1



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: 1.303 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

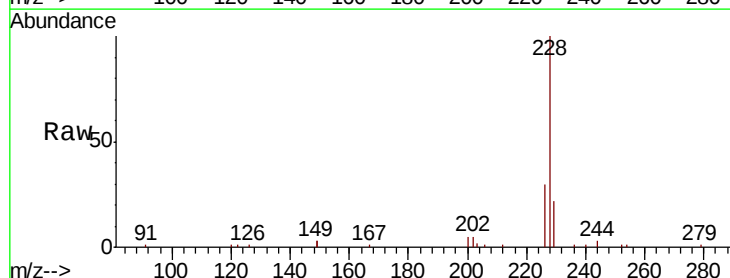
Tgt Ion:228 Resp: 25822

Ion Ratio Lower Upper

228 100

226 29.5 23.2 34.8

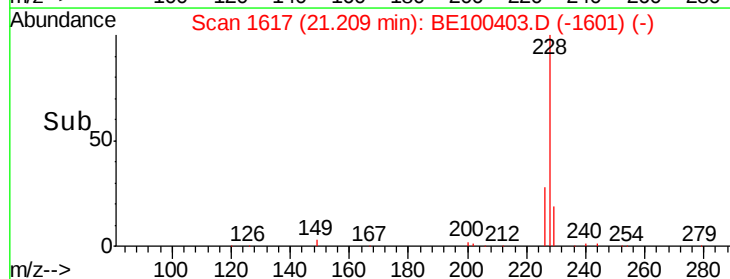
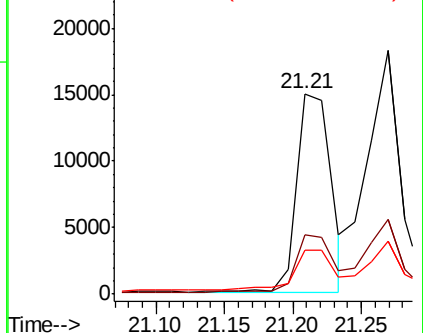
229 21.8 15.7 23.5



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: 1.505 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

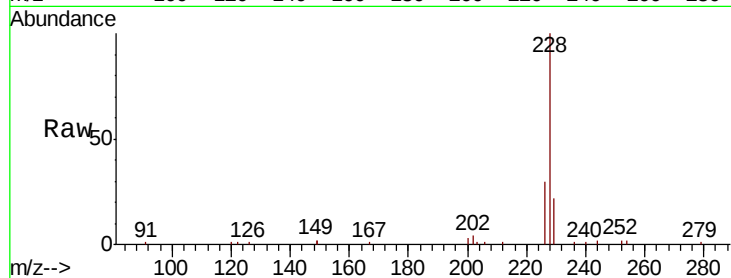
Tgt Ion: 228 Resp: 29943

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 21.8 16.5 24.7

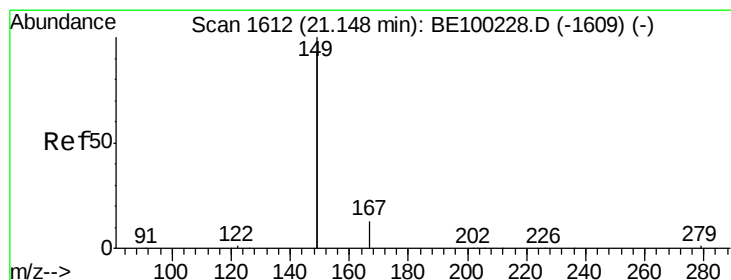
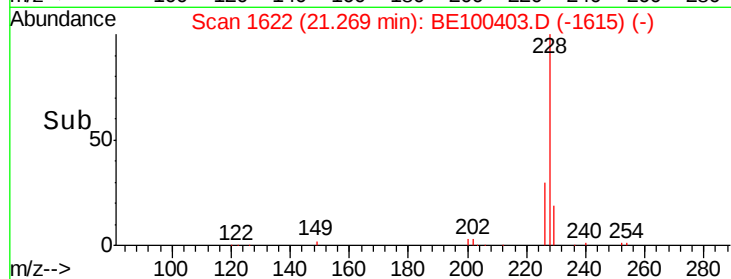
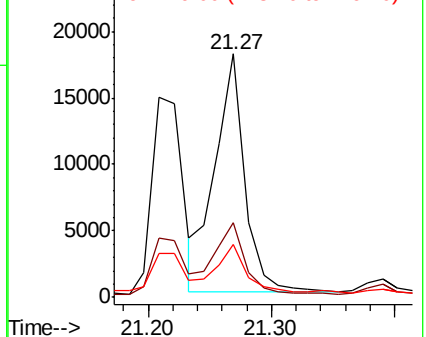


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.703 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

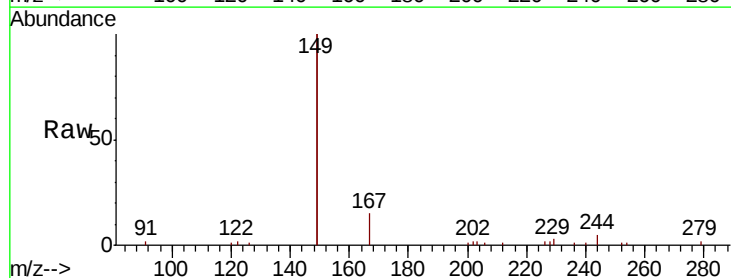
Tgt Ion: 149 Resp: 21310

Ion Ratio Lower Upper

149 100

167 7.4 5.8 8.8

279 1.5 1.1 1.7

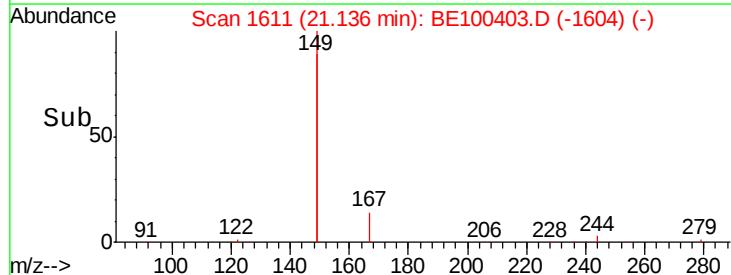
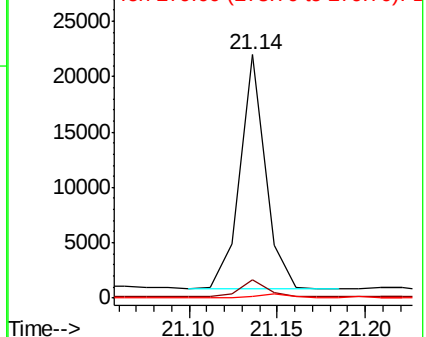


Abundance

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: 0.562 ng

RT: 26.20 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

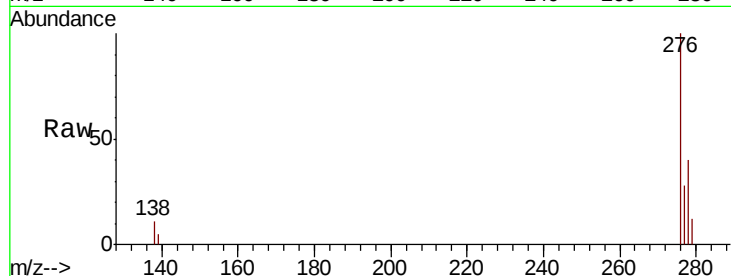
Tgt Ion:276 Resp: 14802

Ion Ratio Lower Upper

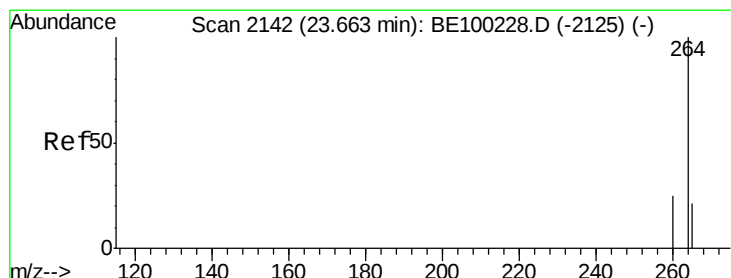
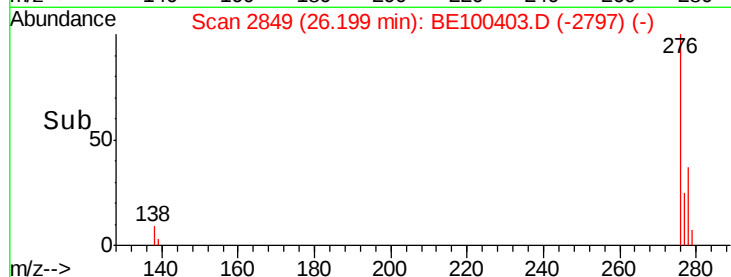
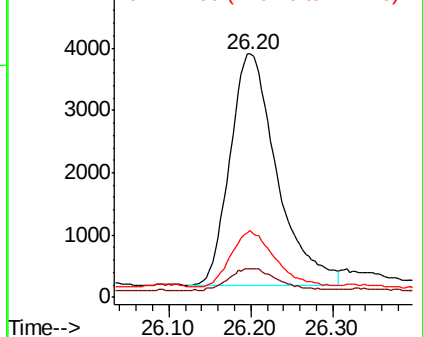
276 100

138 10.3 9.4 14.0

277 22.4 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

Perylene-d12

Concen: 0.400 ng

RT: 23.65 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

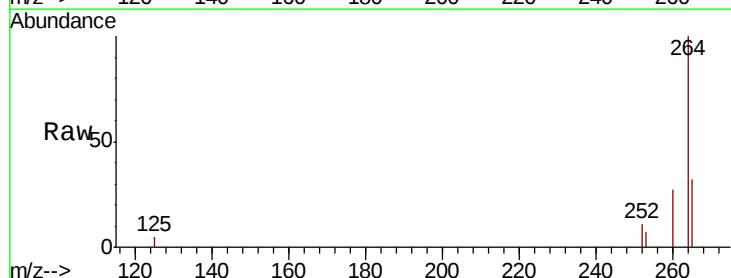
Tgt Ion:264 Resp: 7521

Ion Ratio Lower Upper

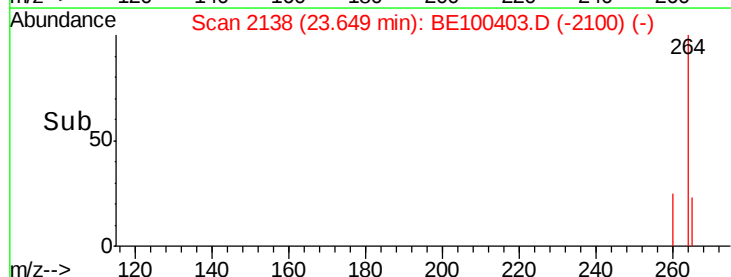
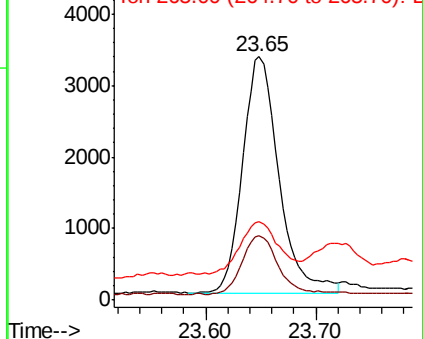
264 100

260 26.6 20.8 31.2

265 32.0 21.8 32.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 1.147 ng

RT: 22.91 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

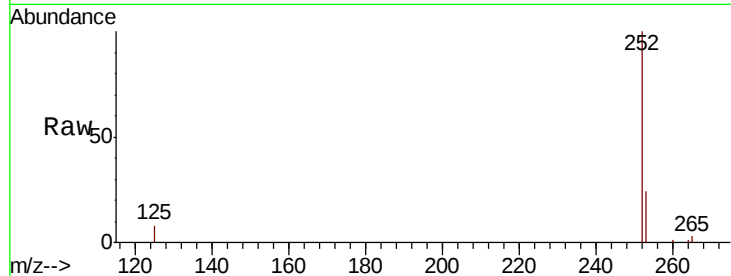
Tgt Ion:252 Resp: 23388

Ion Ratio Lower Upper

252 100

253 24.2 19.2 28.8

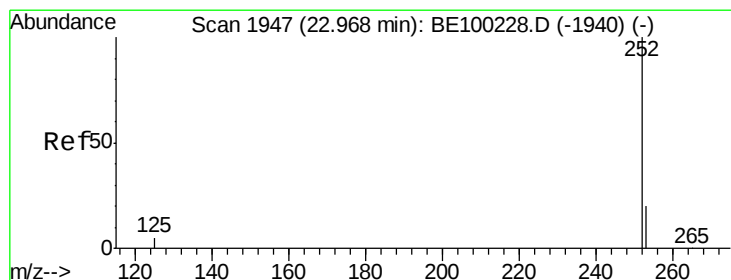
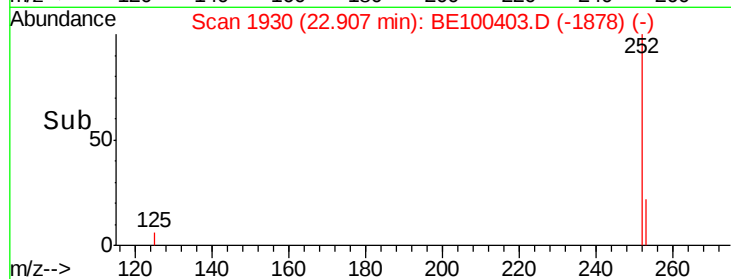
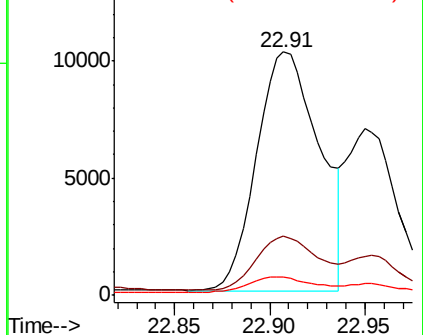
125 7.5 7.4 11.0



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



#36

Benzo(k)fluoranthene

Concen: 1.028 ng

RT: 22.91 min Scan# 1930

Delta R.T. -0.06 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

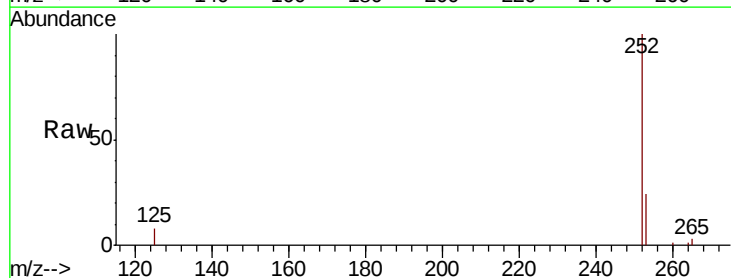
Tgt Ion:252 Resp: 23388

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

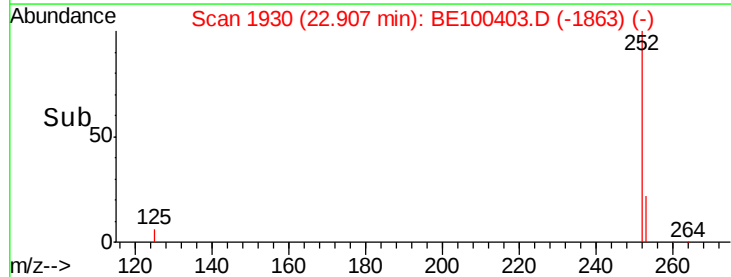
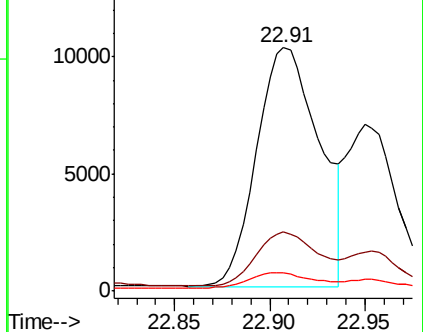
125 7.5 5.0 7.4#

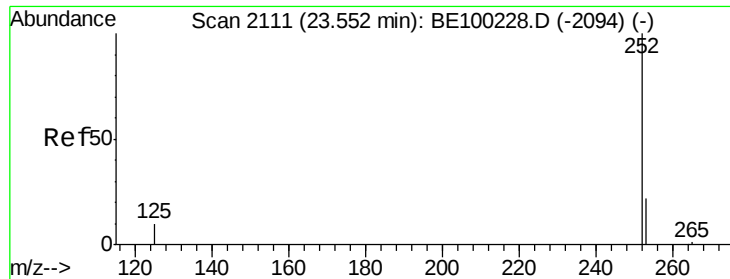


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.055 ng

RT: 23.54 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS

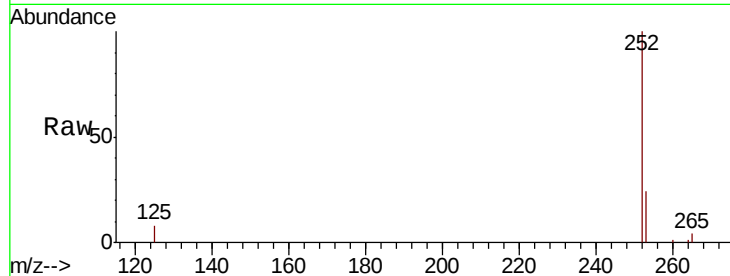
Tgt Ion: 252 Resp: 21562

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

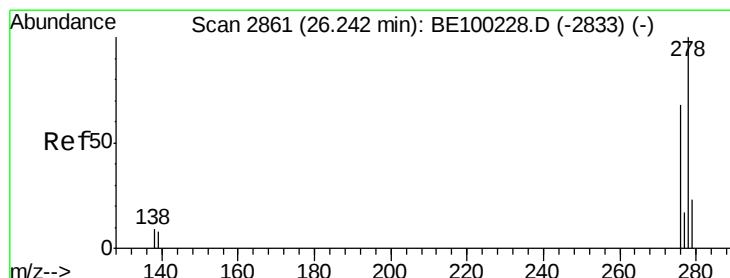
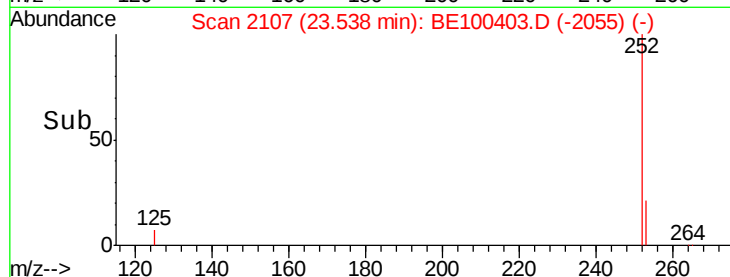
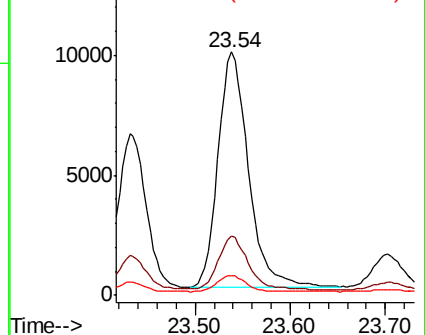
125 8.3 9.0 13.6#



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: 0.351 ng

RT: 26.22 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BE100403.D

Acq: 6 Jul 2019 4:55

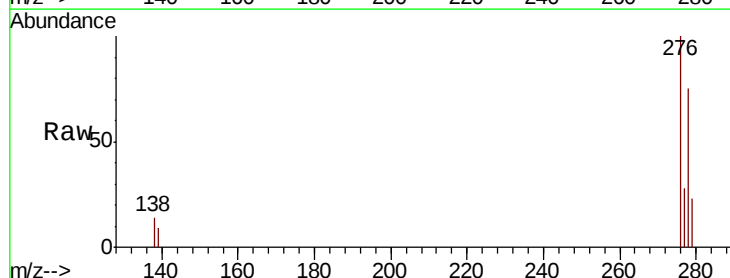
Tgt Ion: 278 Resp: 7489

Ion Ratio Lower Upper

278 100

139 11.4 8.2 12.2

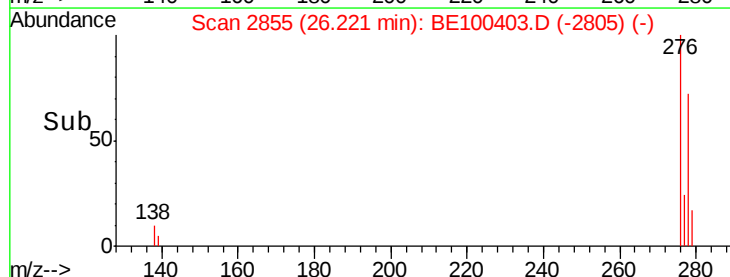
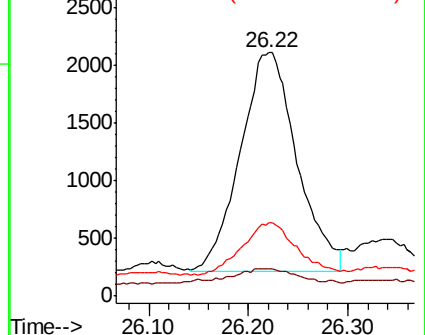
279 30.1 20.3 30.5



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: 0.735 ng

RT: 26.99 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BE100403.D

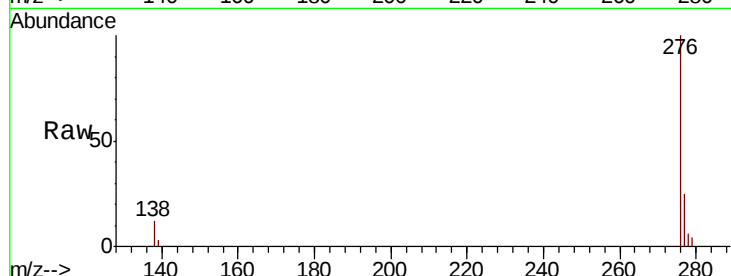
Acq: 6 Jul 2019 4:55

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW099-062519MS



Tgt Ion: 276 Resp: 16108

Ion Ratio Lower Upper

276 100

277 25.3 20.2 30.2

138 11.5 9.0 13.6

