

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100336.D
 Acq On : 3 Jul 2019 19:40
 Operator : JU/SJ
 Sample : K3560-04 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-009-SW145-062419

Quant Time: Jul 04 00:36:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	611	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2293	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1992	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5730	0.40	ng	0.00
27) Chrysene-d12	21.24	240	7700	0.40	ng	0.00
34) Perylene-d12	23.66	264	8702	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	66	0.04	ng	0.00
5) Phenol-d6	6.85	99	35	0.02	ng	0.00
8) Nitrobenzene-d5	8.83	82	72	0.03	ng	0.01
11) 2-Methylnaphthalene-d10	12.05	152	255	0.06	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	80	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	404	0.05	ng	0.00
25) Fluoranthene-d10	19.09	212	4082	0.05	ng	0.00
29) Terphenyl-d14	19.69	244	1997	0.13	ng	-0.01

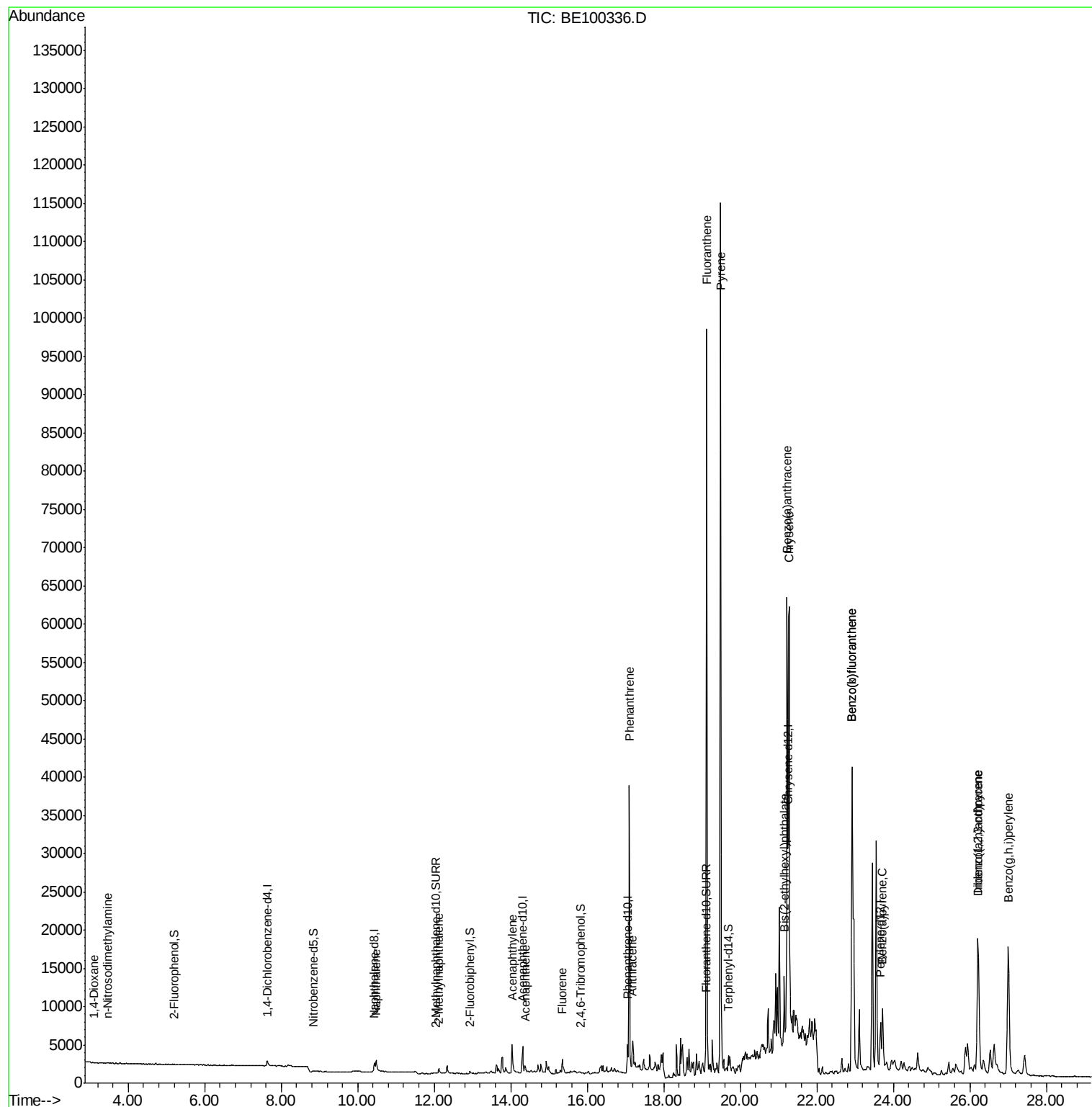
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	37	0.039	ng	# 32
3) n-Nitrosodimethylamine	3.46	42	48	0.109	ng	# 1
9) Naphthalene	10.48	128	3684	0.146	ng	# 95
12) 2-Methylnaphthalene	12.12	142	656	0.148	ng	92
16) Acenaphthylene	14.04	152	6365	0.666	ng	99
17) Acenaphthene	14.37	154	461	0.085	ng	93
18) Fluorene	15.35	166	1778	0.222	ng	# 90
23) Phenanthrene	17.10	178	40248	2.898	ng	100
24) Anthracene	17.19	178	5054	0.404	ng	# 95
26) Fluoranthene	19.12	202	91297	4.127	ng	99
28) Pyrene	19.48	202	111233	5.456	ng	97
30) Benzo(a)anthracene	21.22	228	55760	2.202	ng	96
31) Chrysene	21.28	228	66453	2.614	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	7730	0.158	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.21	276	37765	1.123	ng	# 97
35) Benzo(b)fluoranthene	22.92	252	75866	3.216	ng	# 96
36) Benzo(k)fluoranthene	22.92	252	75866	2.881	ng	98
37) Benzo(a)pyrene	23.72	252	10411	0.440	ng	93
38) Dibenzo(a,h)anthracene	26.22	278	9122	0.369	ng	# 88
39) Benzo(g,h,i)perylene	27.00	276	42761	1.686	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. -0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

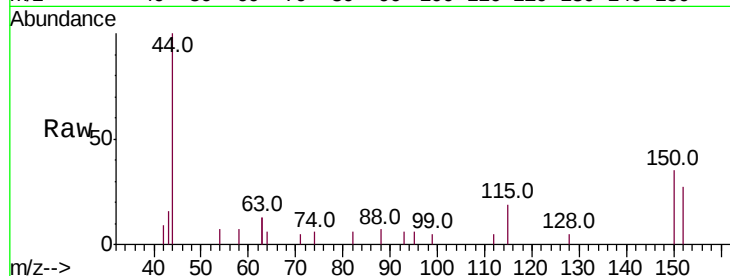
Tot Ion:152 Resp: 611

Ion Ratio Lower Upper

152 100

150 132.7 114.5 171.7

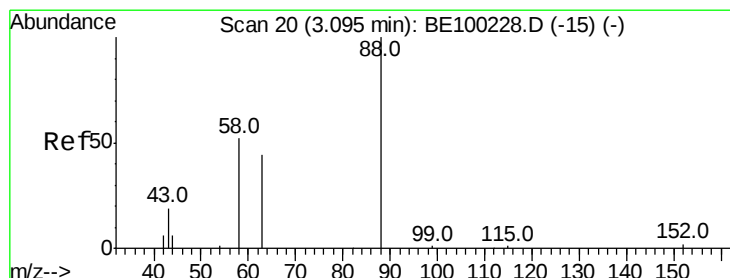
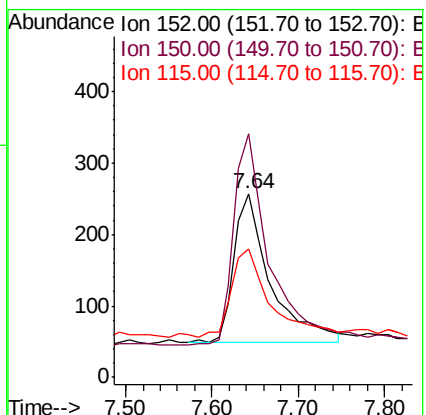
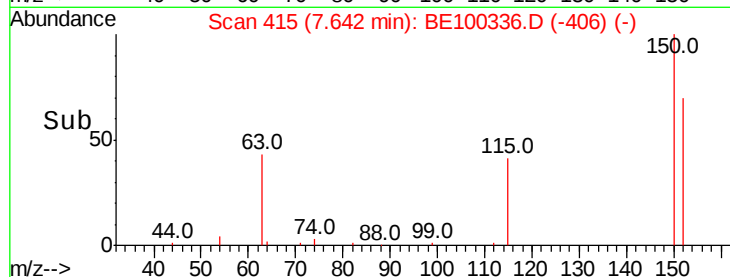
115 69.6 57.1 85.7



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: 0.039 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

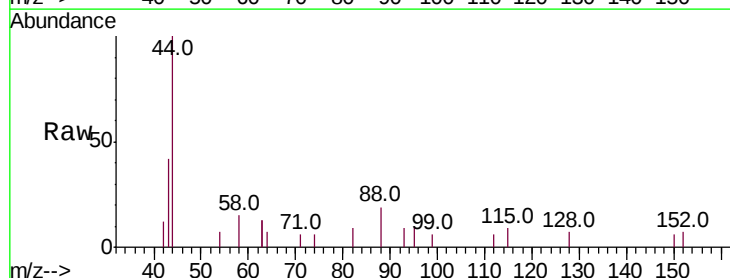
Tgt Ion: 88 Resp: 37

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

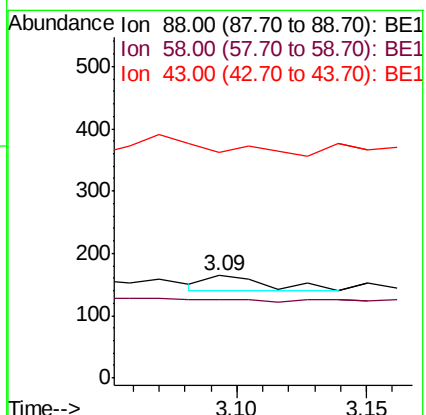
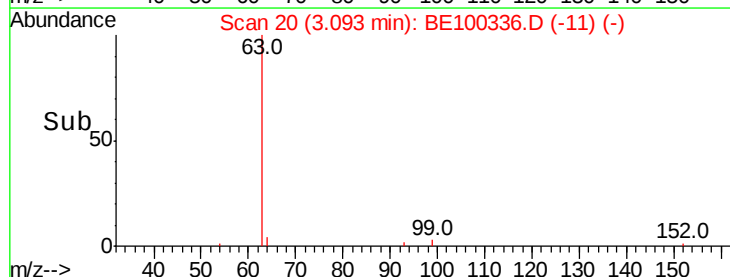
43 0.0 21.4 32.0#

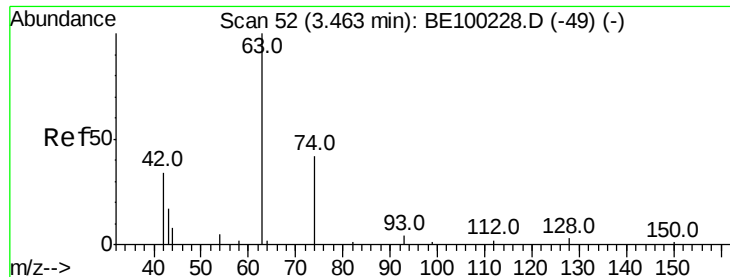


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.109 ng

RT: 3.46 min Scan# 52

Delta R.T. -0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

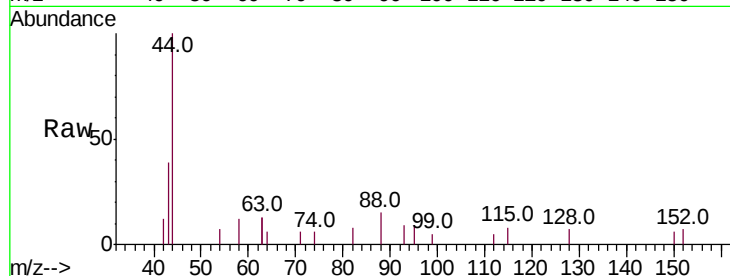
Tot Ion: 42 Resp: 48

Ion Ratio Lower Upper

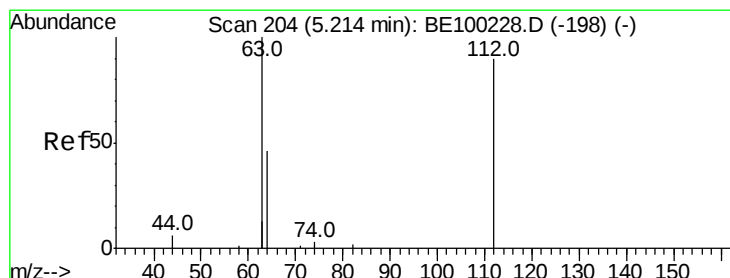
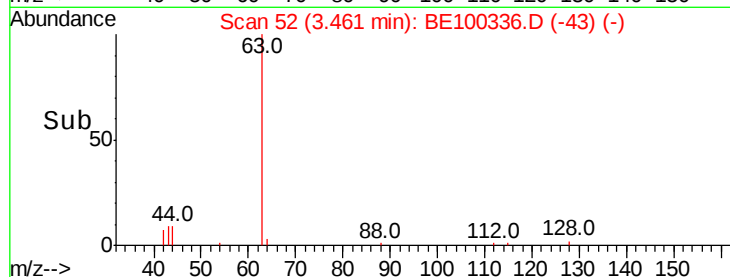
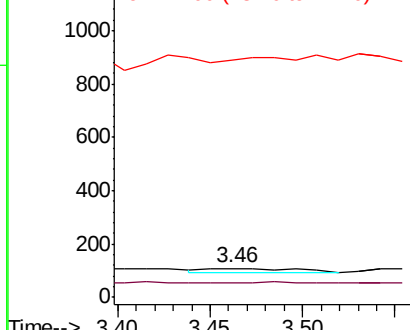
42 100

74 0.0 130.6 196.0#

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: 0.042 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

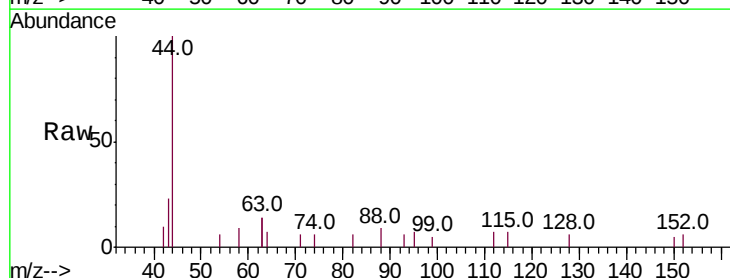
Tgt Ion: 112 Resp: 66

Ion Ratio Lower Upper

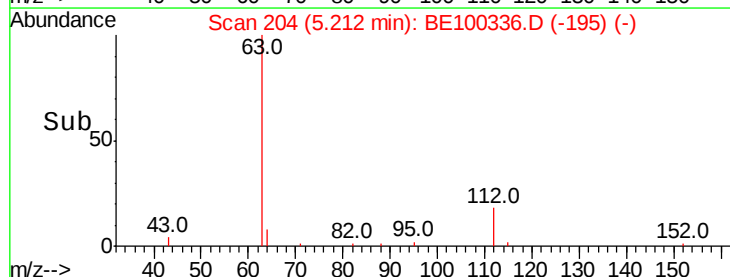
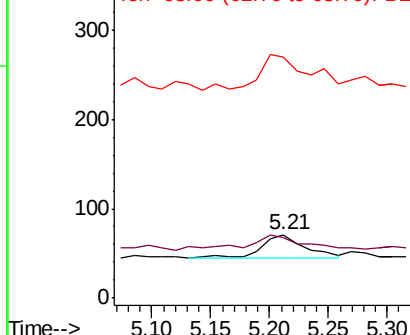
112 100

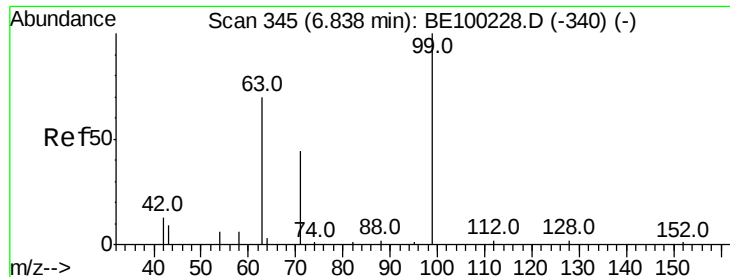
64 68.2 39.4 59.0#

63 168.2 104.5 156.7#



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: 0.017 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

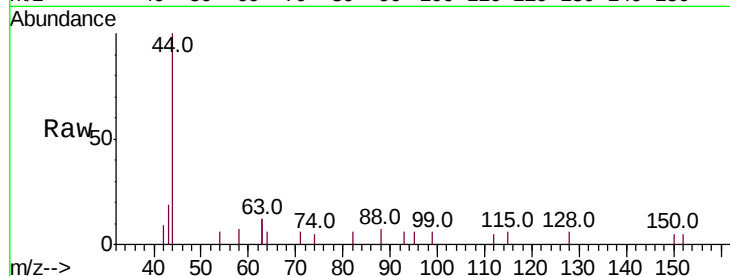
Tot Ion: 99 Resp: 35

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

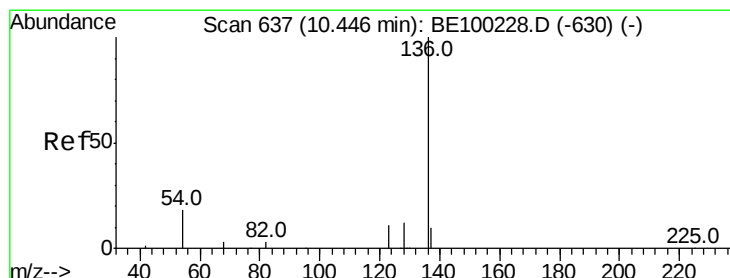
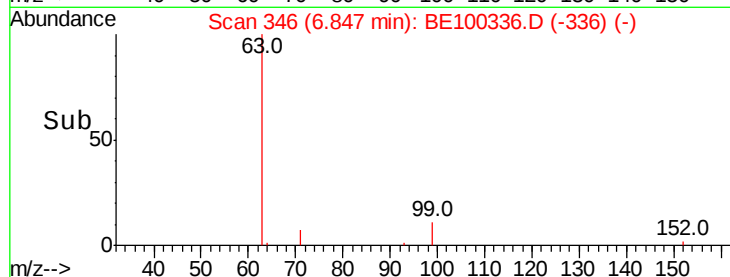
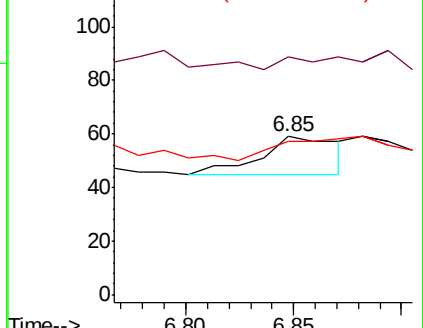
71 0.0 37.2 55.8#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Tgt Ion: 136 Resp: 2293

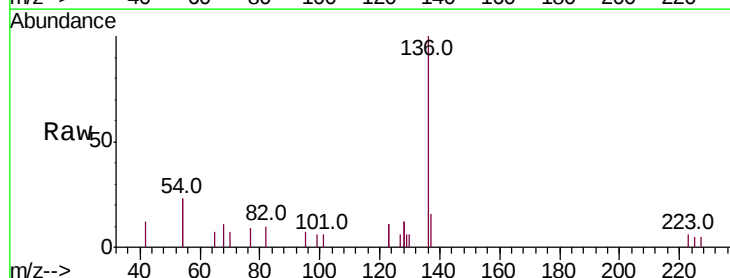
Ion Ratio Lower Upper

136 100

137 16.5 11.8 17.8

54 46.2 27.7 41.5#

68 10.6 6.8 10.2#

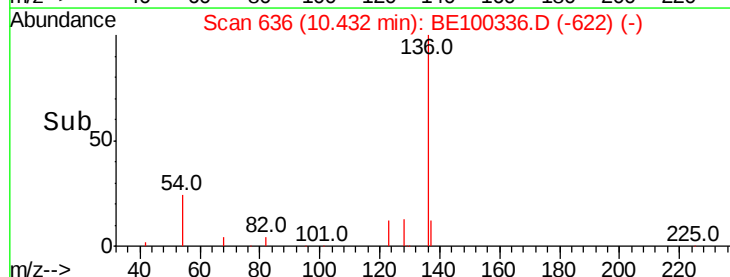
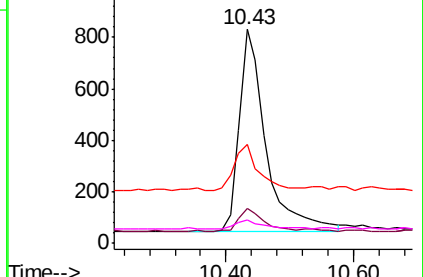


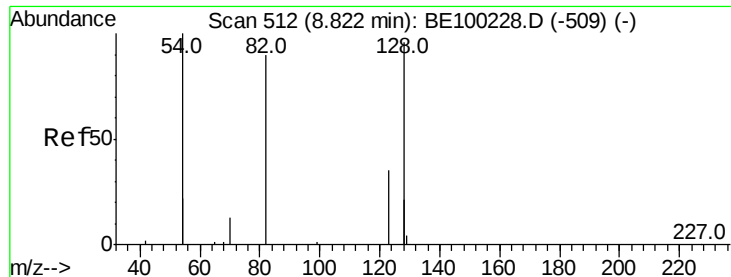
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.032 ng

RT: 8.83 min Scan# 513

Delta R.T. 0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

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EXT-009-SW145-062419

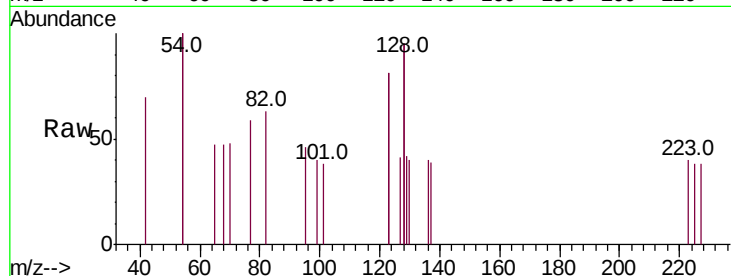
Tot Ion: 82 Resp: 72

Ion Ratio Lower Upper

82 100

128 302.7 140.9 211.3#

54 318.9 146.2 219.2#

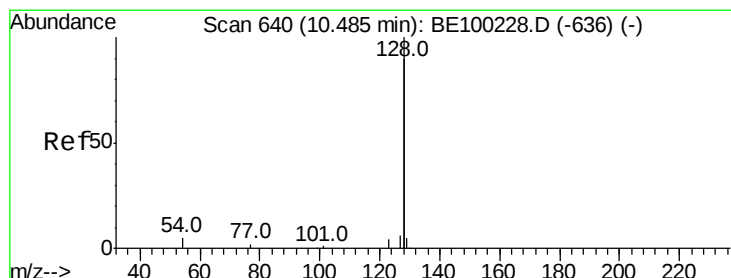
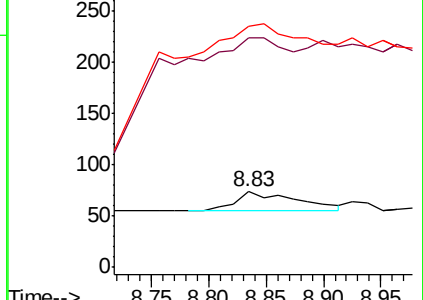
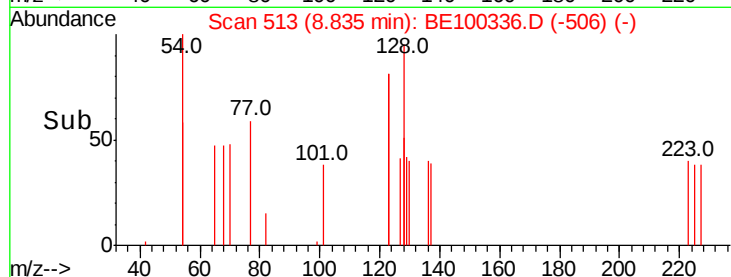


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Time-->



#9

Naphthalene

Concen: 0.146 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

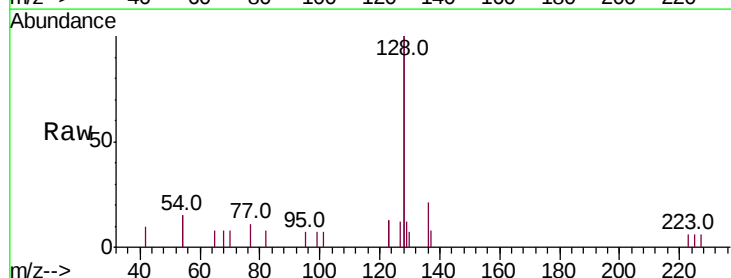
Tgt Ion: 128 Resp: 3684

Ion Ratio Lower Upper

128 100

129 5.9 3.0 4.6#

127 5.9 3.5 5.3#

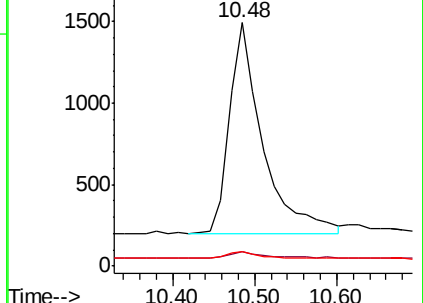
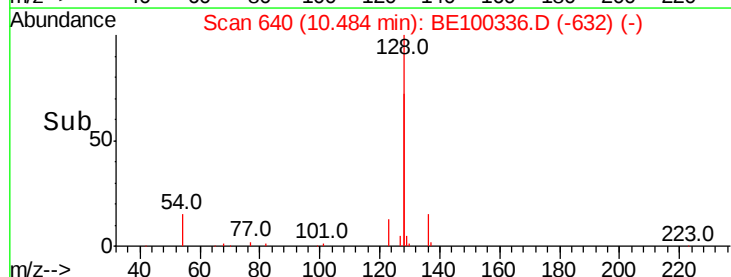


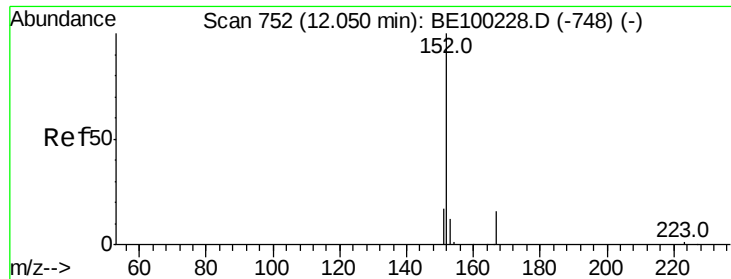
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->

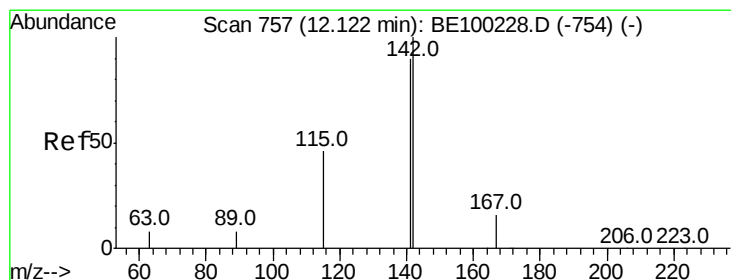
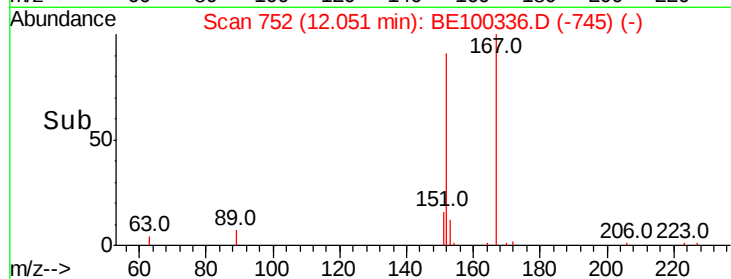
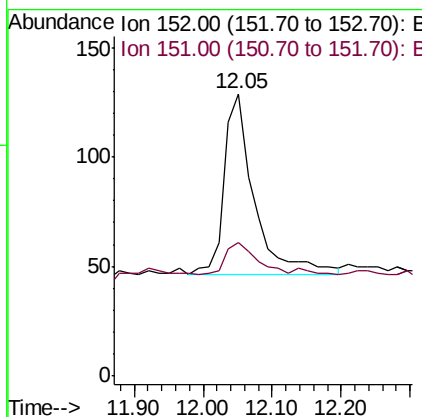
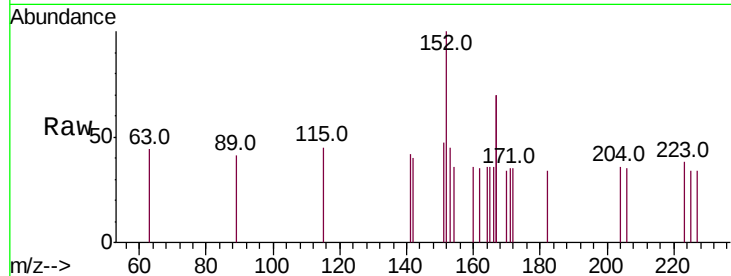




#11
2-Methylnaphthalene-d10
Concen: 0.059 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

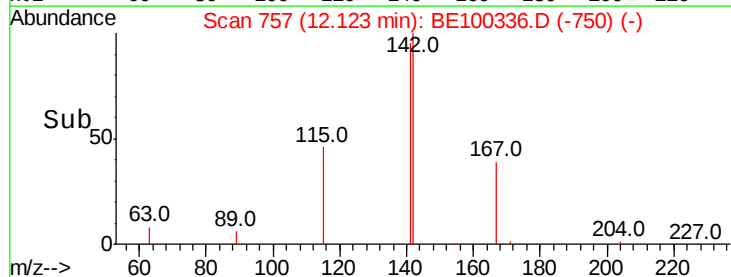
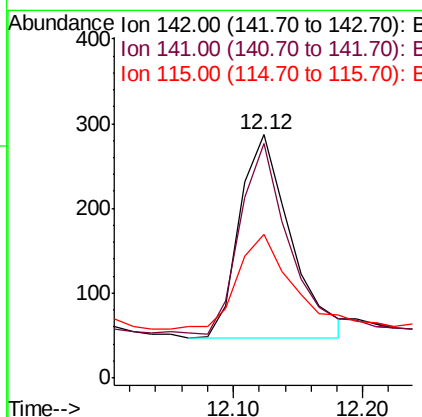
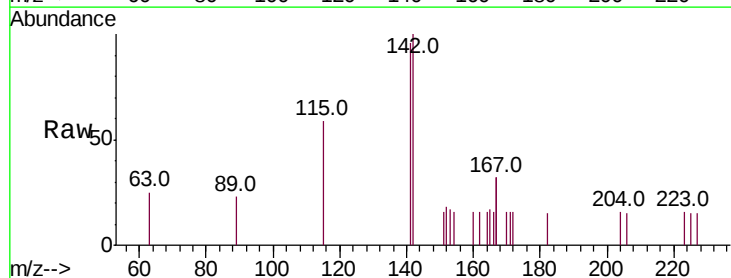
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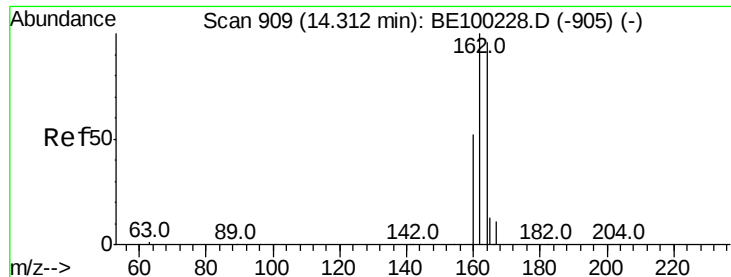
Tot Ion:152 Resp: 255
Ion Ratio Lower Upper
152 100
151 18.8 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.148 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Tgt Ion:142 Resp: 656
Ion Ratio Lower Upper
142 100
141 96.2 72.4 108.6
115 58.9 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: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

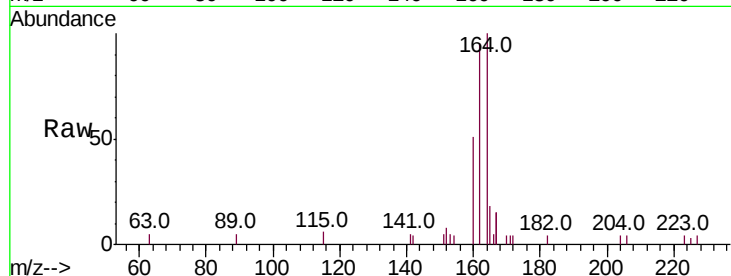
Tot Ion:164 Resp: 1992

Ion Ratio Lower Upper

164 100

162 94.8 83.4 125.0

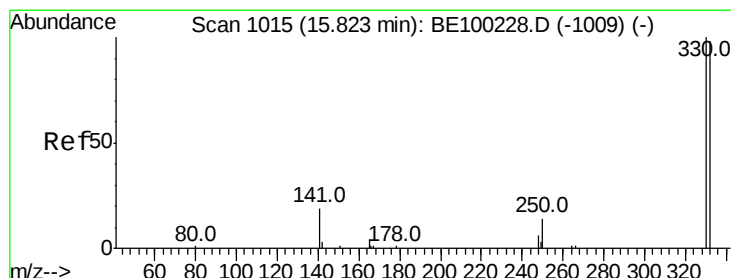
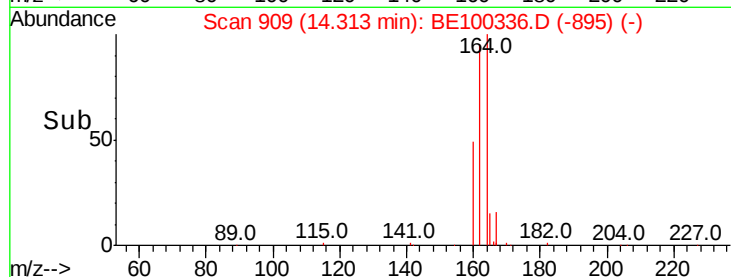
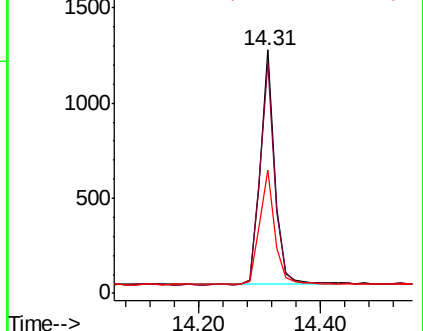
160 50.8 45.0 67.6



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: 0.057 ng

RT: 15.82 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

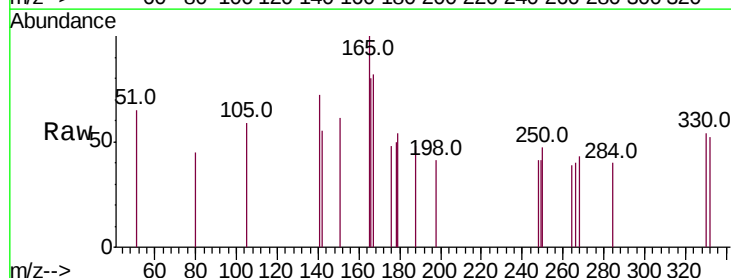
Tgt Ion:330 Resp: 80

Ion Ratio Lower Upper

330 100

332 78.8 77.0 115.4

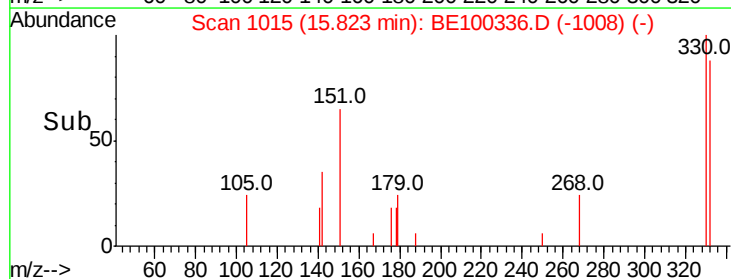
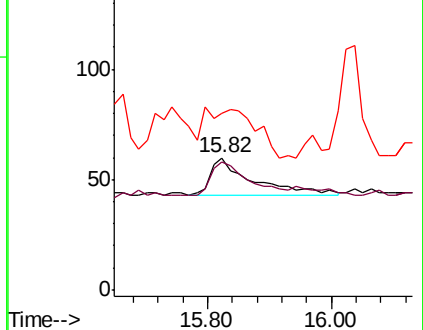
141 0.0 22.0 33.0#

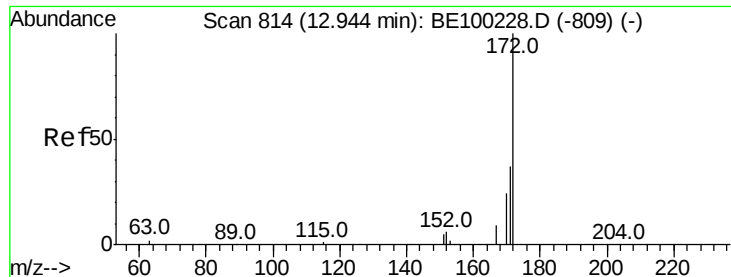


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

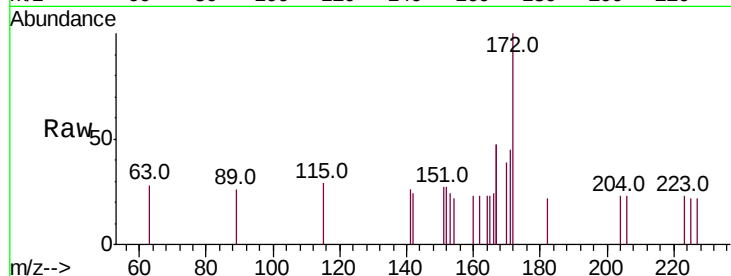




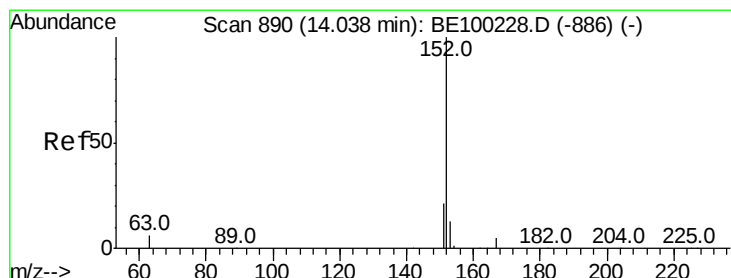
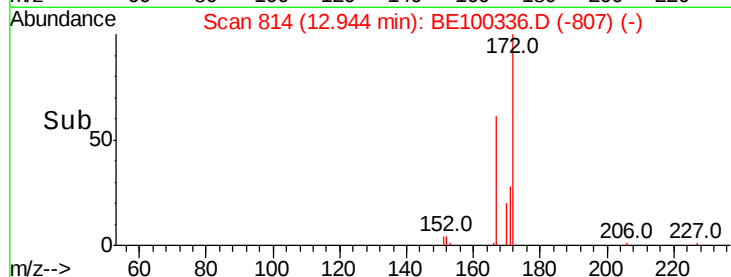
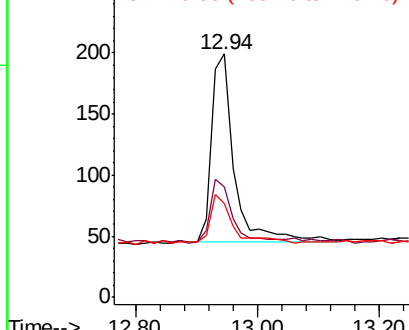
#15
2-Fluorobiphenyl
Concen: 0.052 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW145-062419

Tot Ion:172 Resp: 404
Ion Ratio Lower Upper
172 100
171 45.2 31.9 47.9
170 38.7 22.2 33.2#

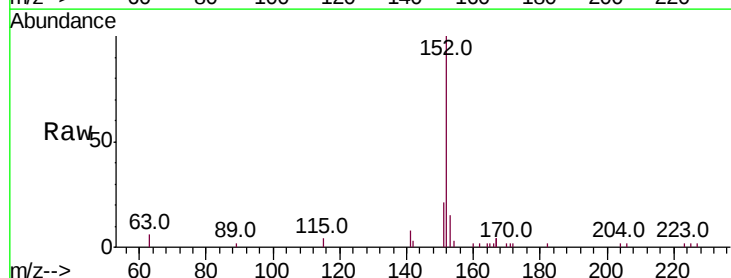


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

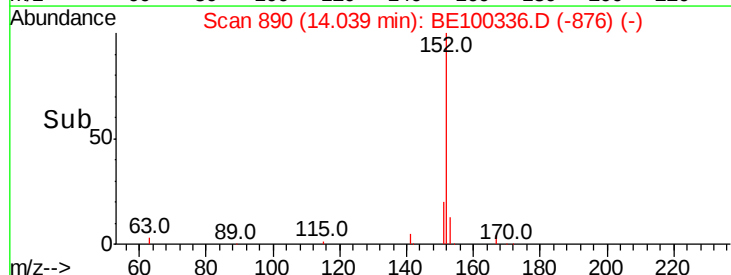
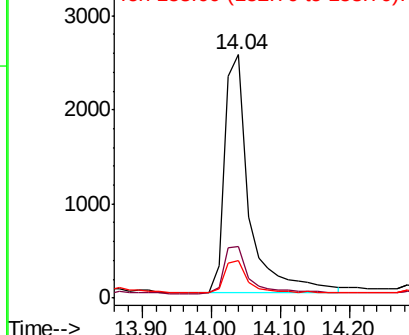


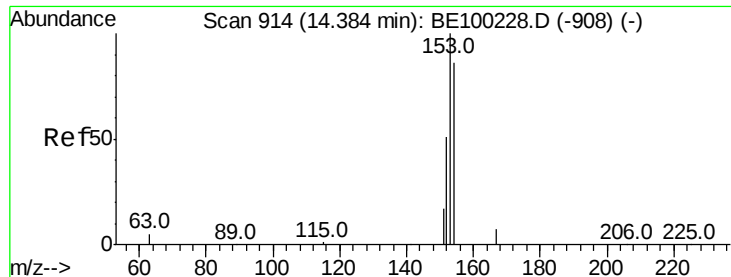
#16
Acenaphthylene
Concen: 0.666 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Tgt Ion:152 Resp: 6365
Ion Ratio Lower Upper
152 100
151 20.4 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

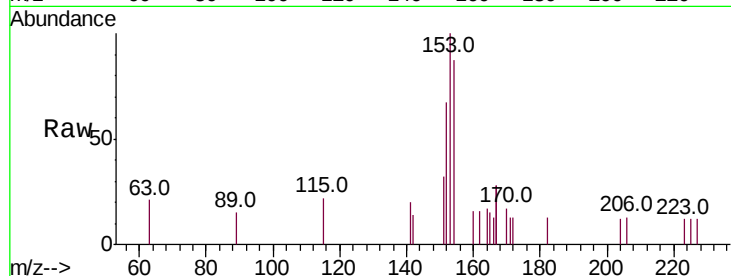




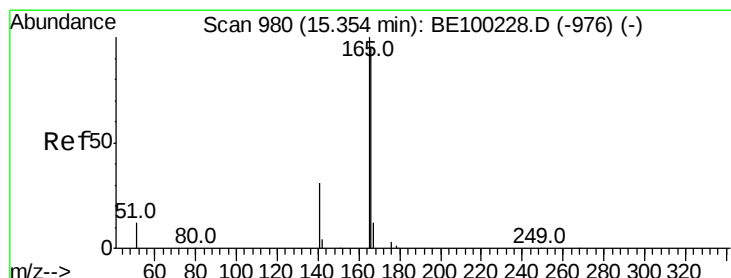
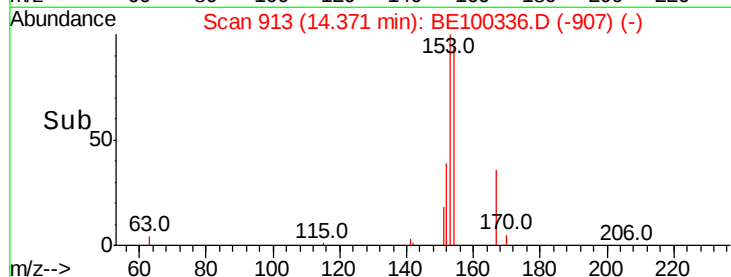
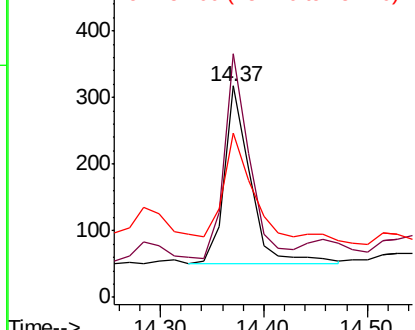
#17
Acenaphthene
Concen: 0.085 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW145-062419

Tot Ion:154 Resp: 461
Ion Ratio Lower Upper
154 100
153 110.0 93.4 140.2
152 68.3 49.4 74.2

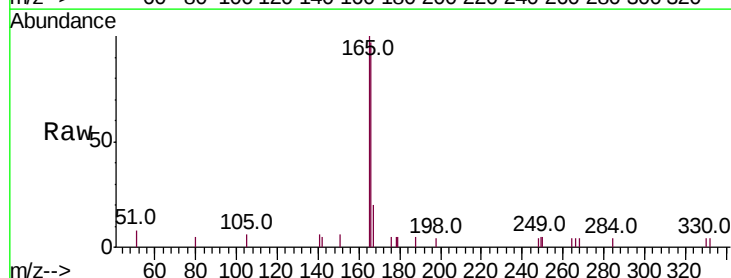


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

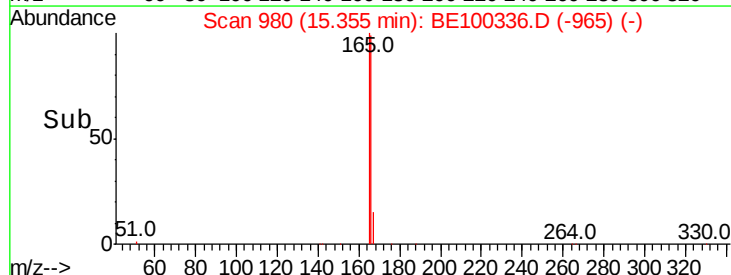
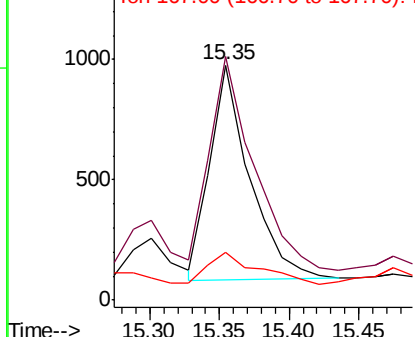


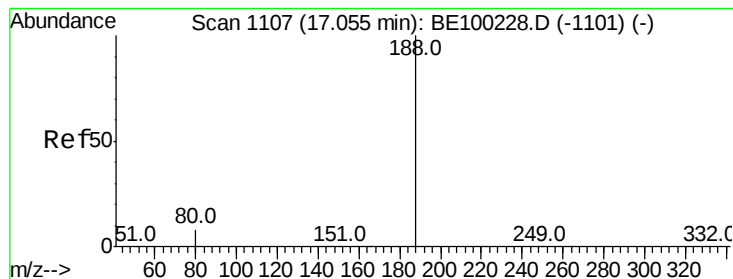
#18
Fluorene
Concen: 0.222 ng
RT: 15.35 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Tgt Ion:166 Resp: 1778
Ion Ratio Lower Upper
166 100
165 111.4 81.1 121.7
167 18.3 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: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

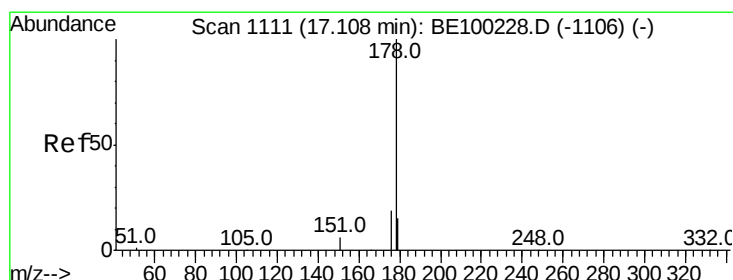
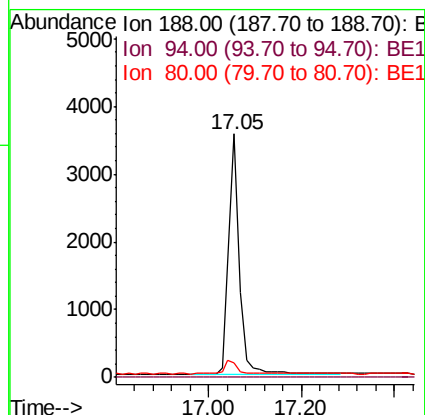
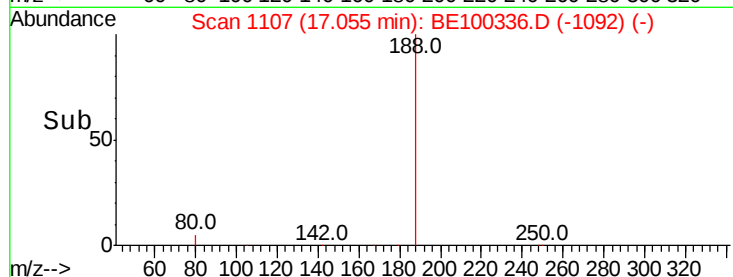
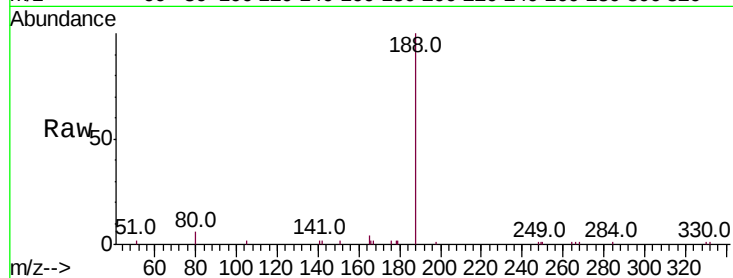
Tot Ion:188 Resp: 5730

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.1 7.6 11.4#



#23

Phenanthrene

Concen: 2.898 ng

RT: 17.10 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

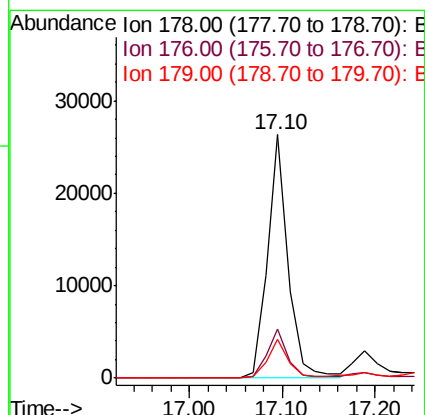
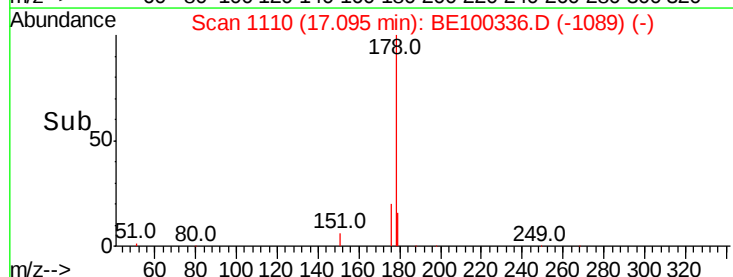
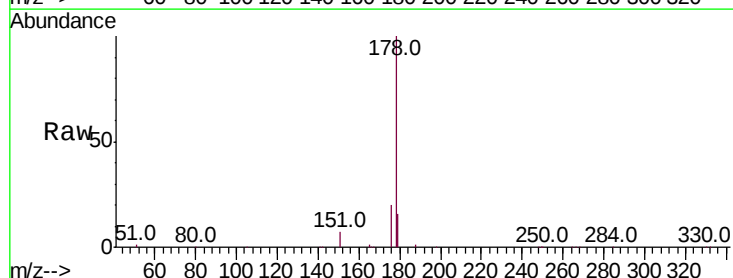
Tgt Ion:178 Resp: 40248

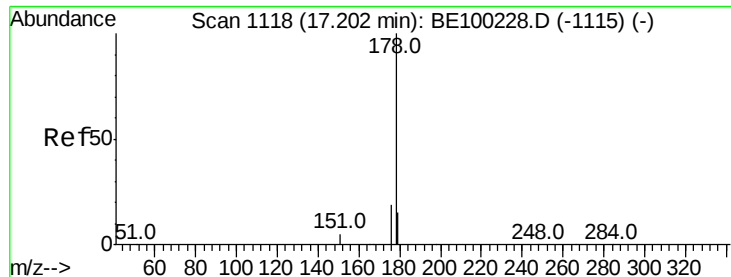
Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.4 12.2 18.2





#24

Anthracene

Concen: 0.404 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

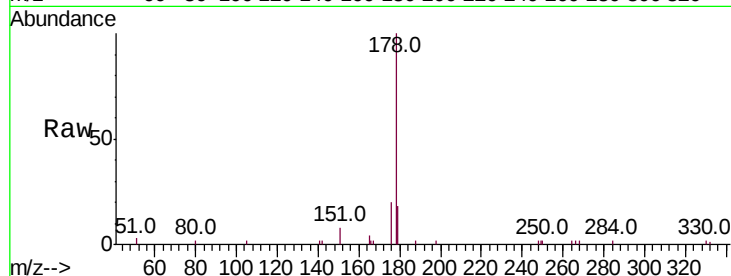
Tot Ion:178 Resp: 5054

Ion Ratio Lower Upper

178 100

176 18.0 15.3 22.9

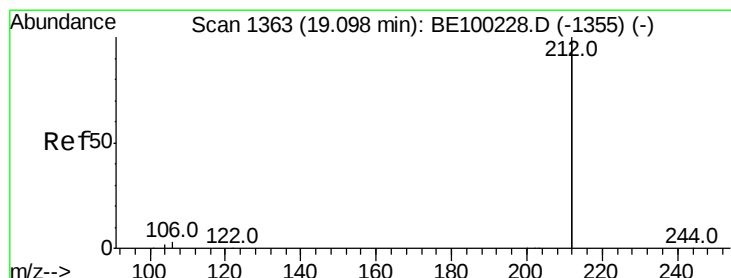
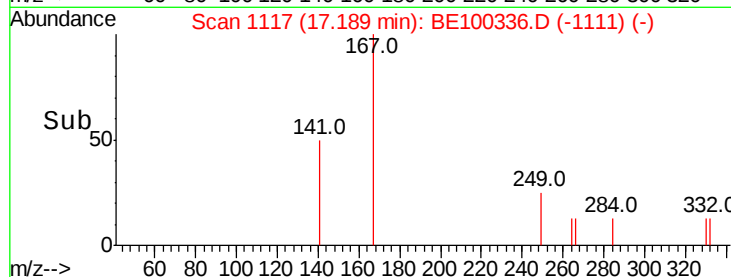
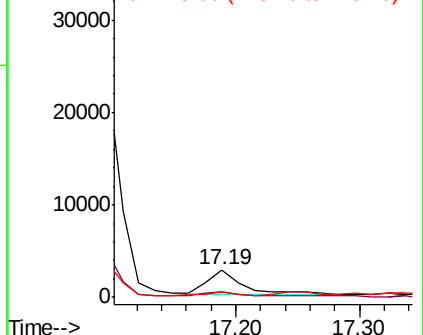
179 12.1 12.2 18.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.049 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

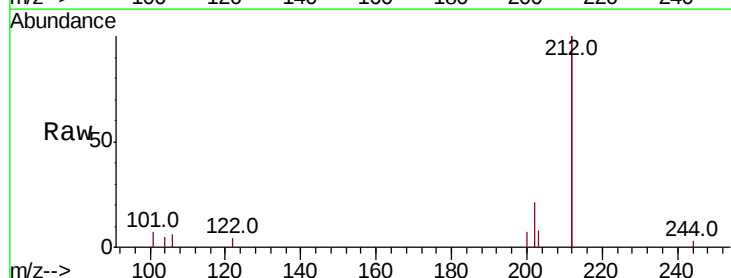
Tgt Ion:212 Resp: 4082

Ion Ratio Lower Upper

212 100

106 1.9 1.3 1.9

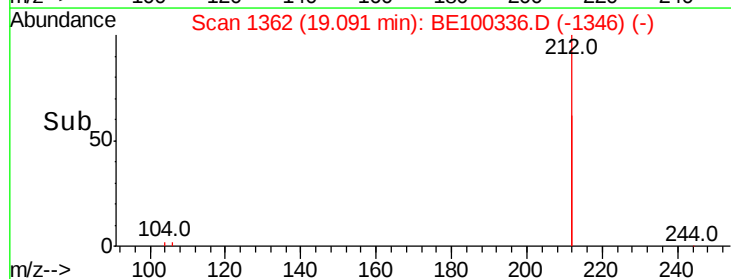
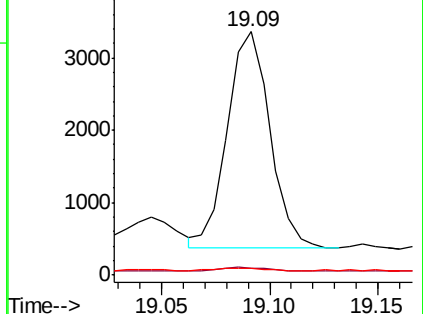
104 1.2 0.8 1.2#

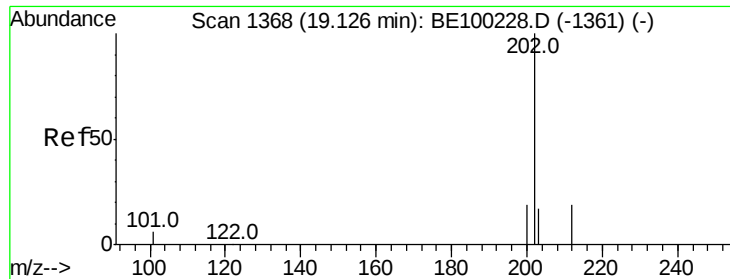


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

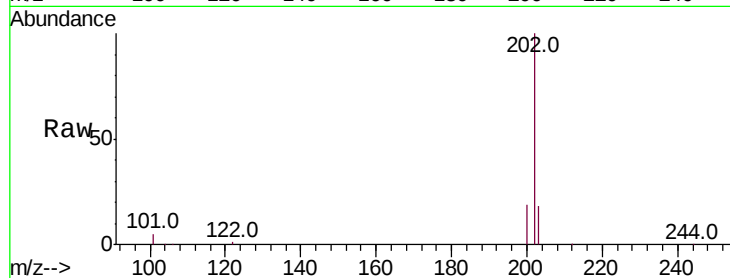




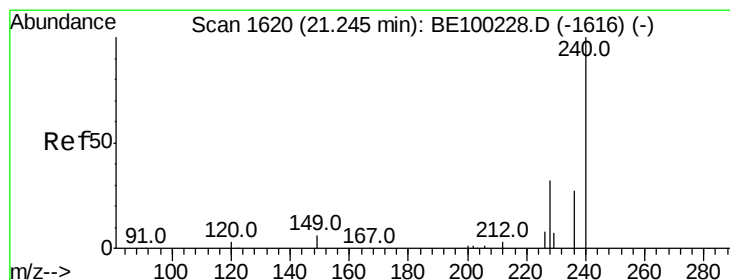
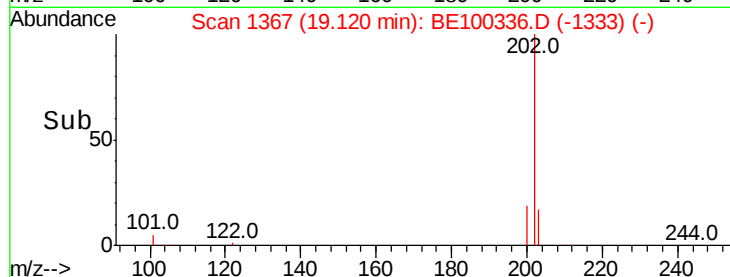
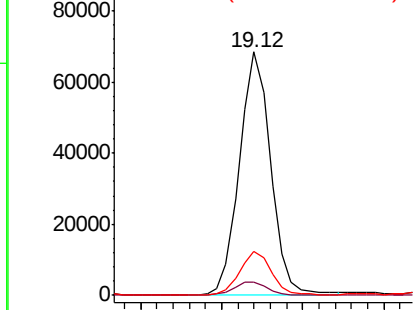
#26
 Fluoranthene
 Concen: 4.127 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE100336.D
 Acq: 3 Jul 2019 19:40

Instrument :
 BNA_E
 ClientSampleId :
 EXT-009-SW145-062419

Tot Ion:202 Resp: 91297
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.6 7.0
 203 17.7 13.7 20.5

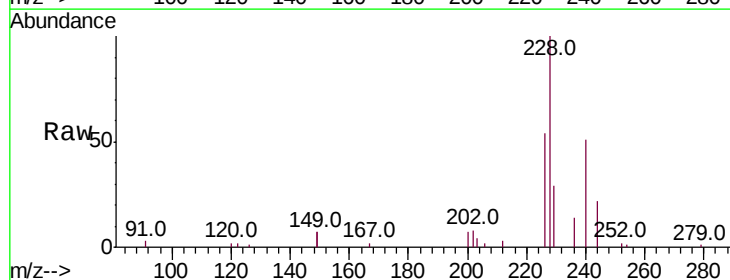


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

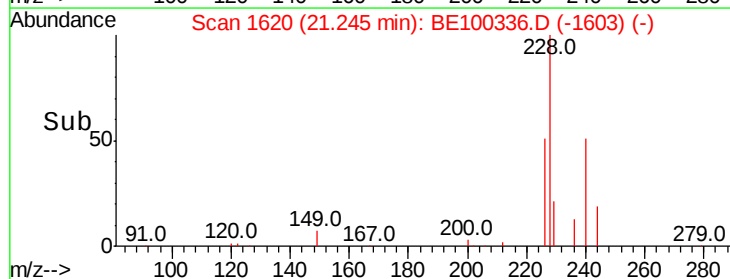
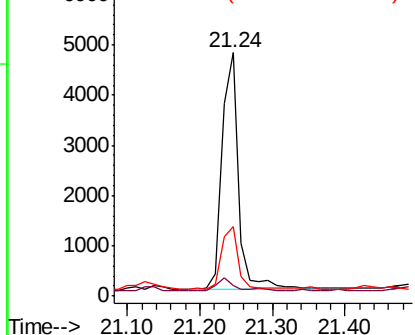


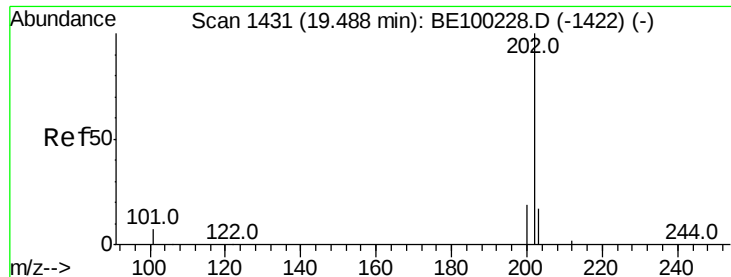
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.24 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100336.D
 Acq: 3 Jul 2019 19:40

Tgt Ion:240 Resp: 7700
 Ion Ratio Lower Upper
 240 100
 120 4.2 3.3 4.9
 236 28.5 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

Pvrene

Concen: 5.456 ng

RT: 19.48 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

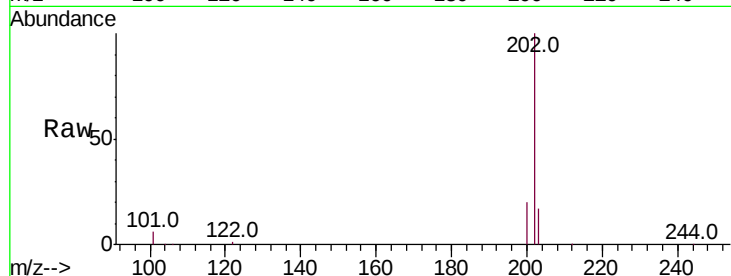
Tot Ion:202 Resp: 111233

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

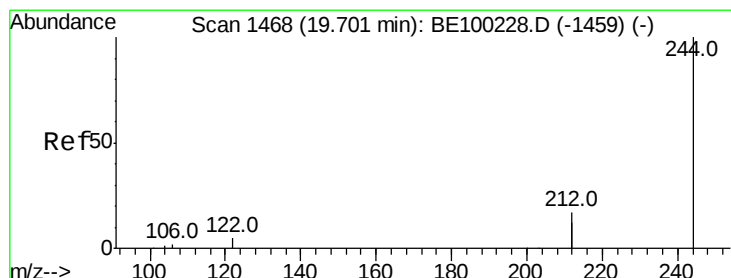
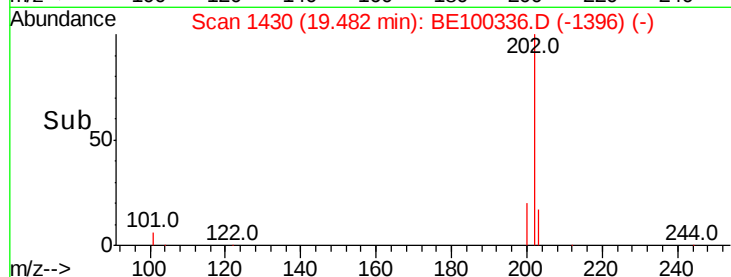
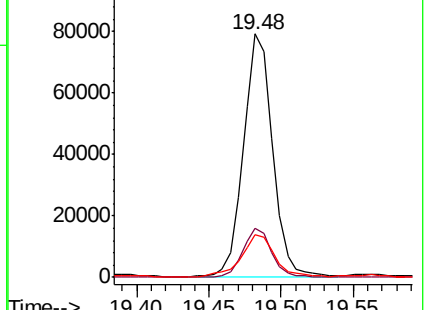
203 19.7 14.0 21.0



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: 0.125 ng

RT: 19.69 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

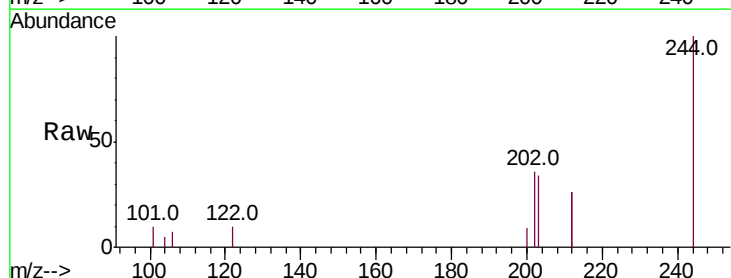
Tgt Ion:244 Resp: 1997

Ion Ratio Lower Upper

244 100

212 51.7 27.3 40.9#

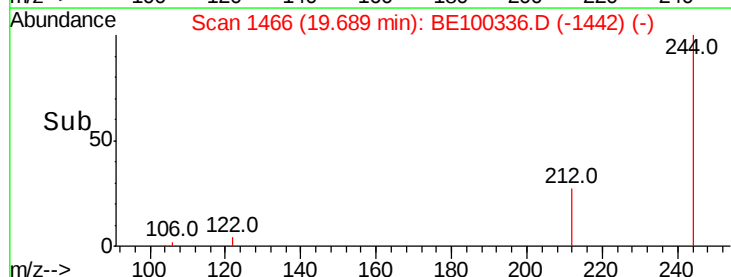
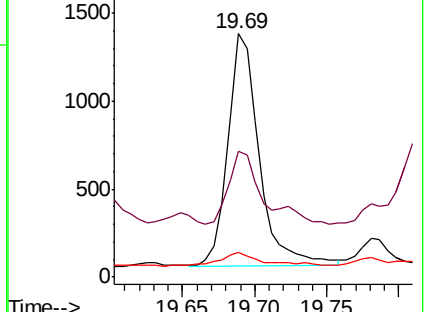
122 10.0 4.7 7.1#

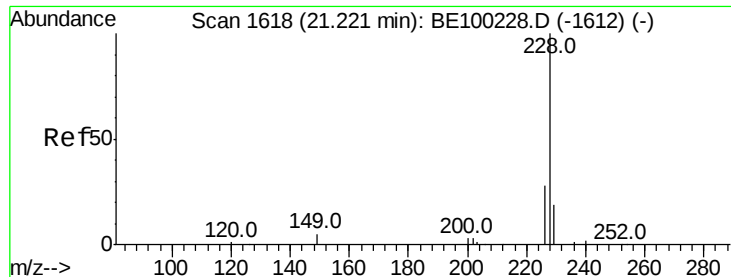


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 2.202 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

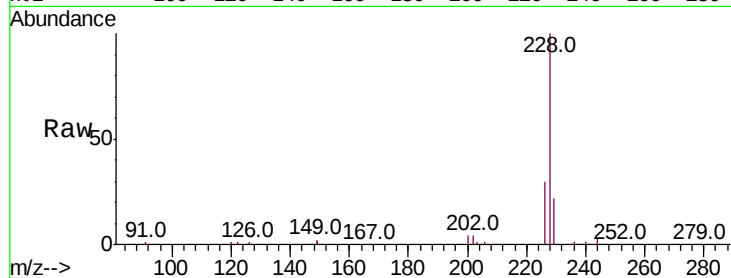
Tot Ion:228 Resp: 55760

Ion Ratio Lower Upper

228 100

226 30.2 23.2 34.8

229 22.3 15.7 23.5

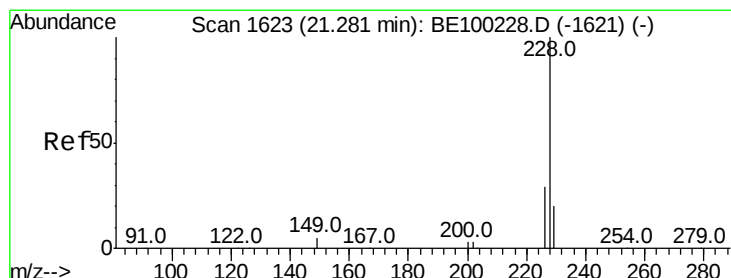
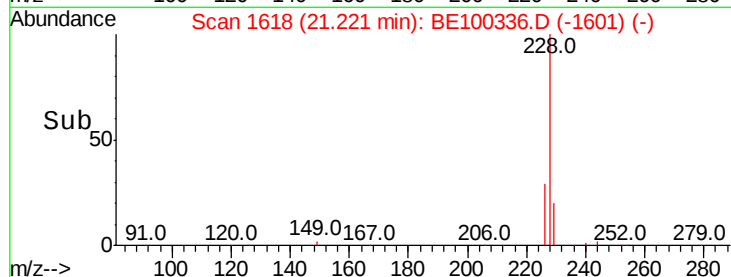
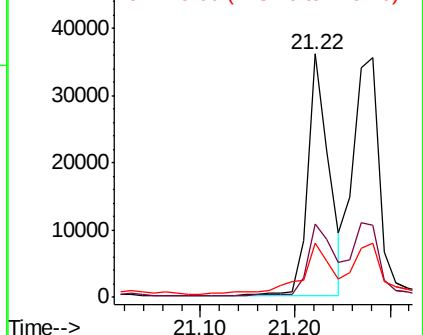


Abundance

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: 2.614 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

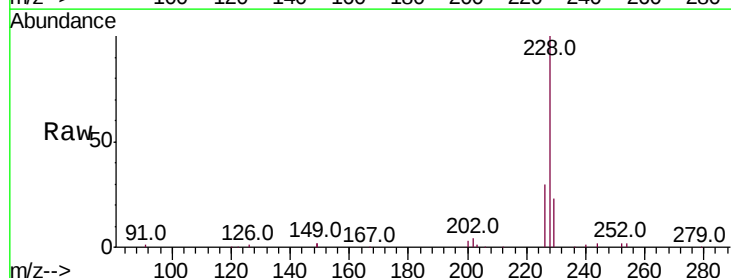
Tgt Ion:228 Resp: 66453

Ion Ratio Lower Upper

228 100

226 30.2 23.9 35.9

229 22.6 16.5 24.7

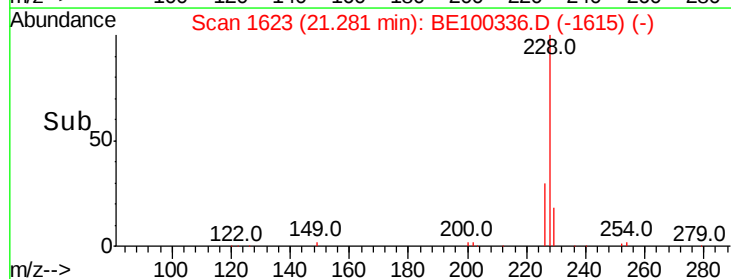
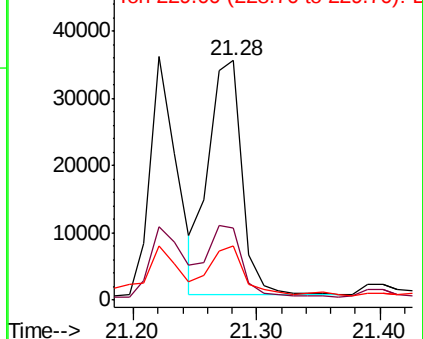


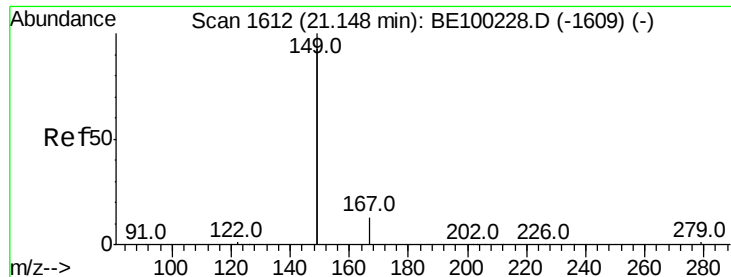
Abundance

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: 0.158 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

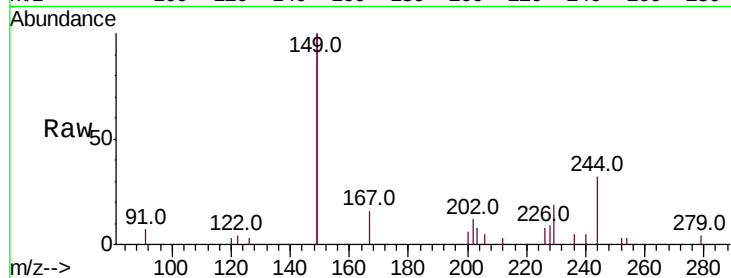
Tot Ion:149 Resp: 7730

Ion Ratio Lower Upper

149 100

167 7.6 5.8 8.8

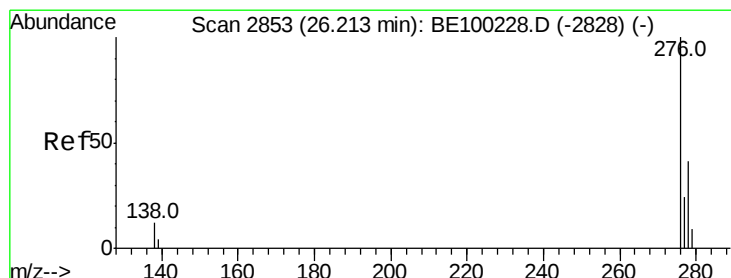
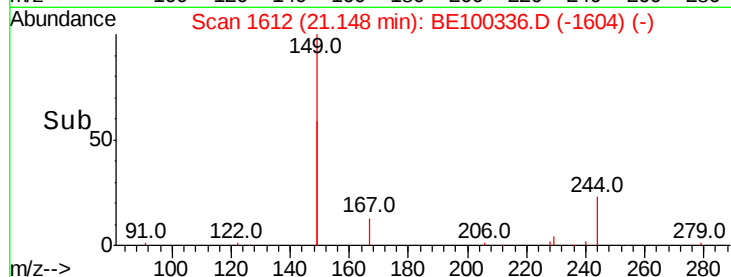
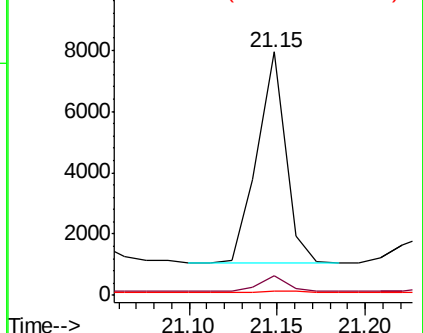
279 2.1 1.1 1.7#



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: 1.123 ng

RT: 26.21 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

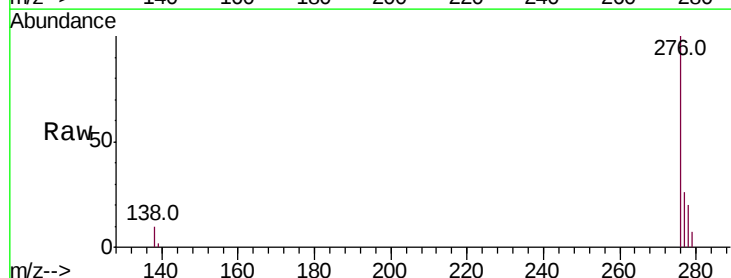
Tgt Ion:276 Resp: 37765

Ion Ratio Lower Upper

276 100

138 9.1 9.4 14.0#

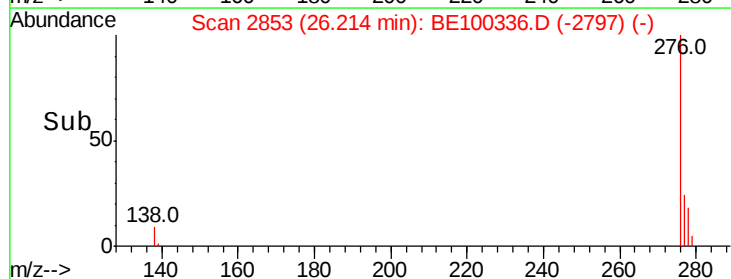
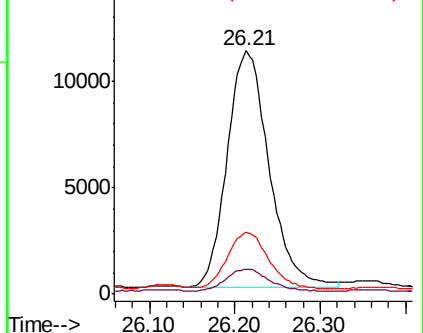
277 23.5 19.2 28.8

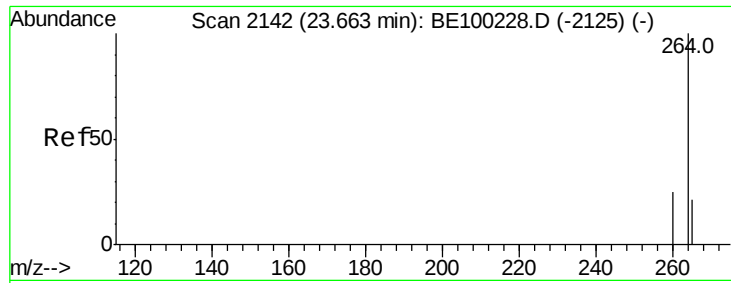


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

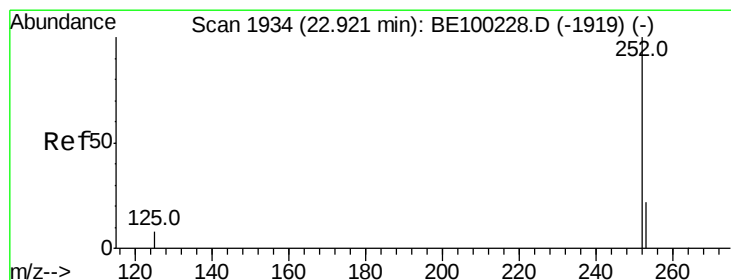
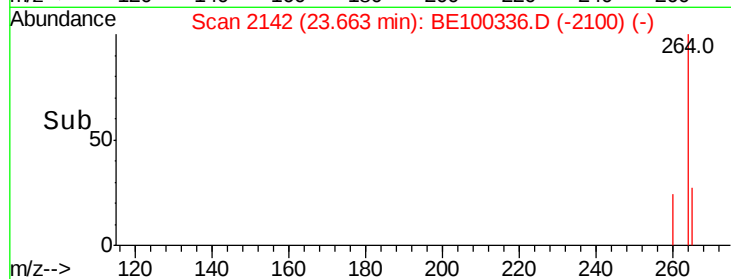
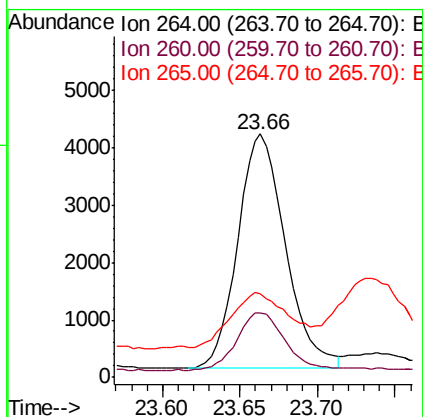
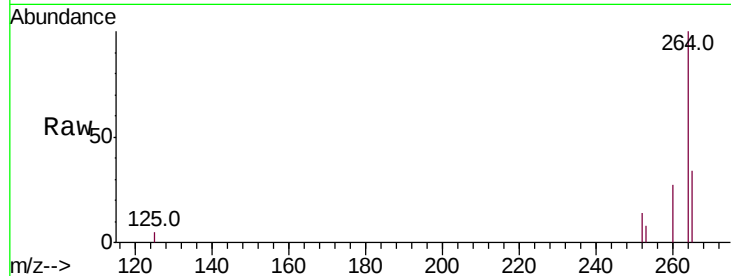




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

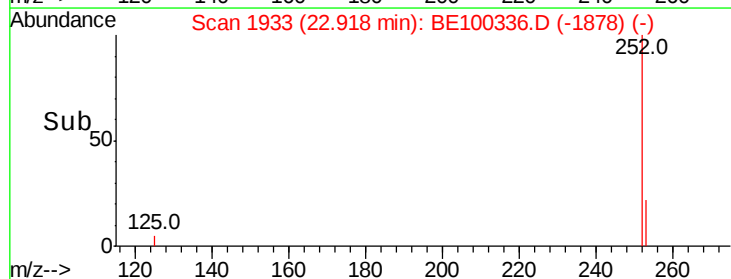
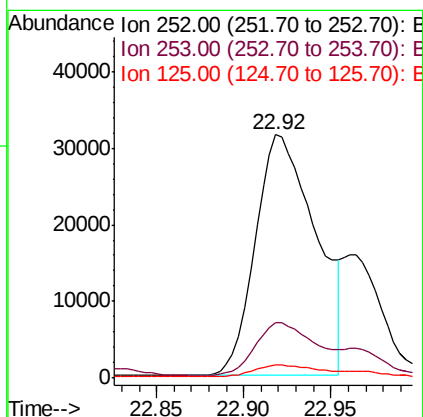
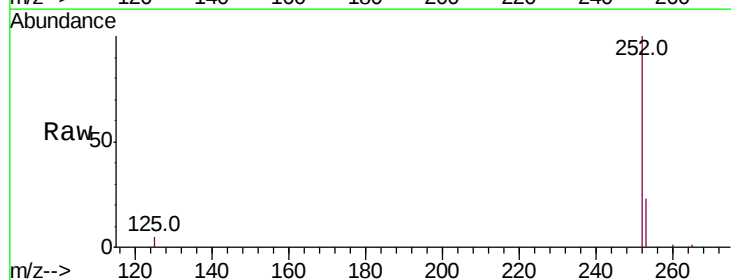
Instrument :
BNA_E
ClientSampleId :
EXT-009-SW145-062419

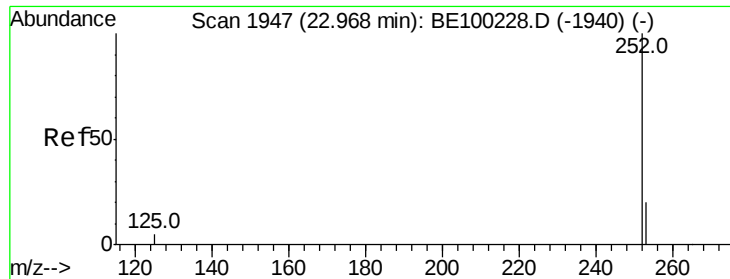
Tot Ion:264 Resp: 8702
Ion Ratio Lower Upper
264 100
260 26.6 20.8 31.2
265 34.4 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 3.216 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Tgt Ion:252 Resp: 75866
Ion Ratio Lower Upper
252 100
253 23.0 19.2 28.8
125 5.4 7.4 11.0#

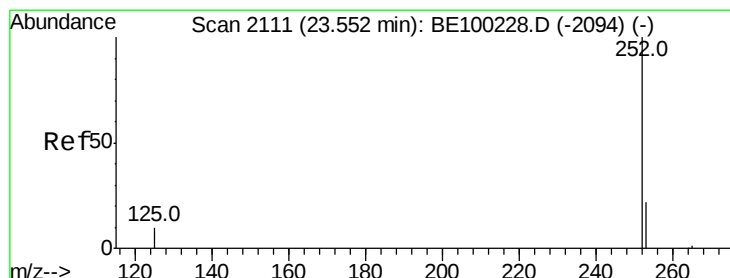
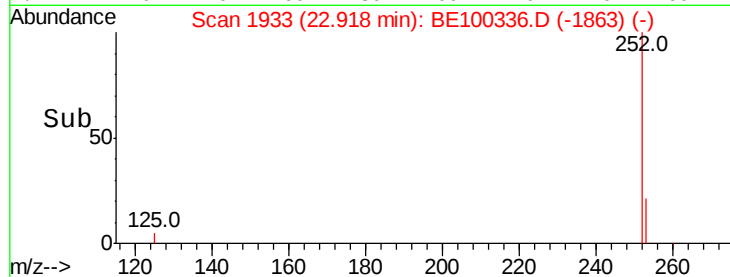
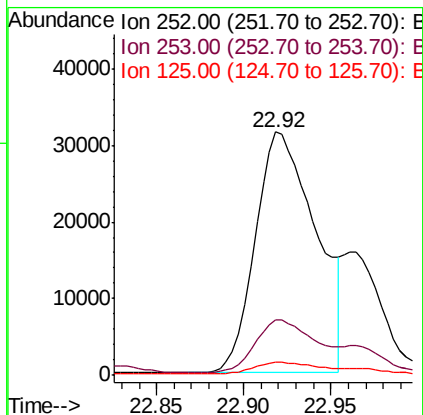
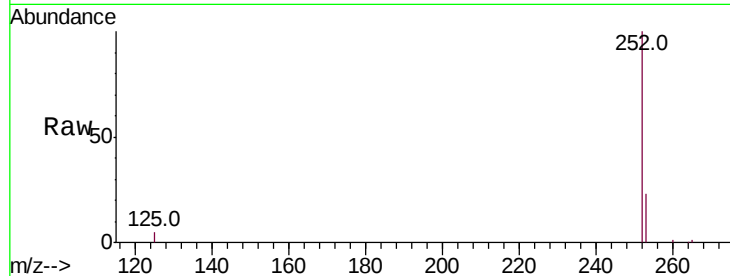




#36
Benzo(k)fluoranthene
Concen: 2.881 ng
RT: 22.92 min Scan# 1933
Delta R.T. -0.05 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

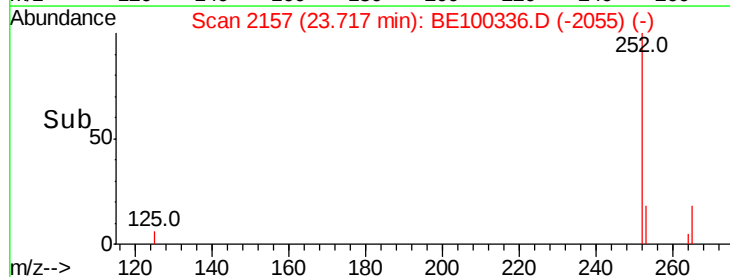
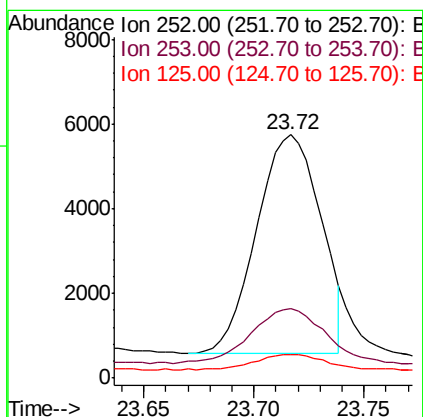
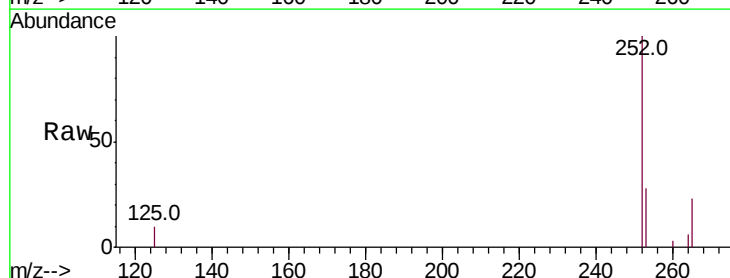
Instrument :
BNA_E
ClientSampleId :
EXT-009-SW145-062419

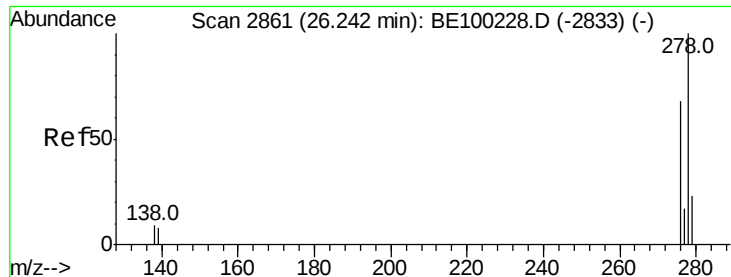
Tot Ion:252 Resp: 75866
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 5.4 5.0 7.4



#37
Benzo(a)pyrene
Concen: 0.440 ng
RT: 23.72 min Scan# 2157
Delta R.T. 0.16 min
Lab File: BE100336.D
Acq: 3 Jul 2019 19:40

Tgt Ion:252 Resp: 10411
Ion Ratio Lower Upper
252 100
253 28.4 19.6 29.4
125 9.5 9.0 13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.369 ng

RT: 26.22 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW145-062419

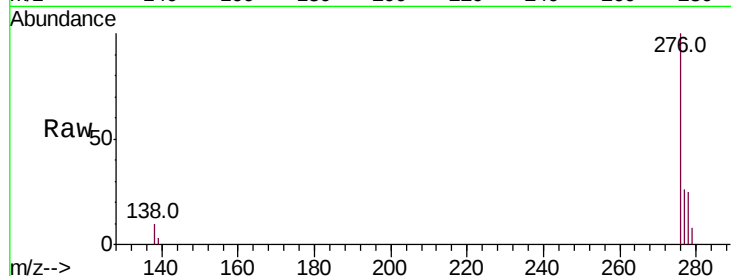
Tot Ion:278 Resp: 9122

Ion Ratio Lower Upper

278 100

139 11.6 8.2 12.2

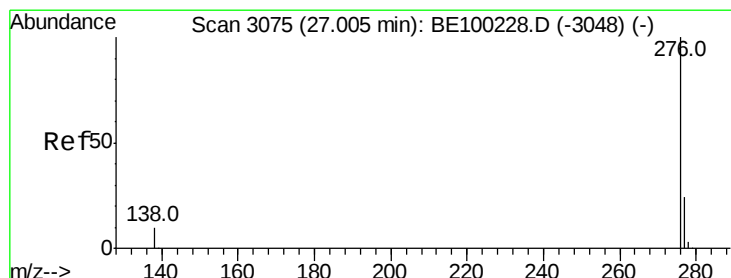
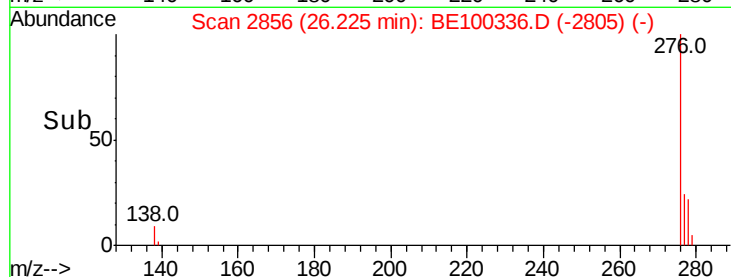
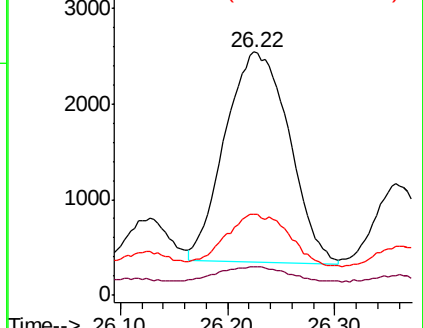
279 33.4 20.3 30.5#



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: 1.686 ng

RT: 27.00 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BE100336.D

Acq: 3 Jul 2019 19:40

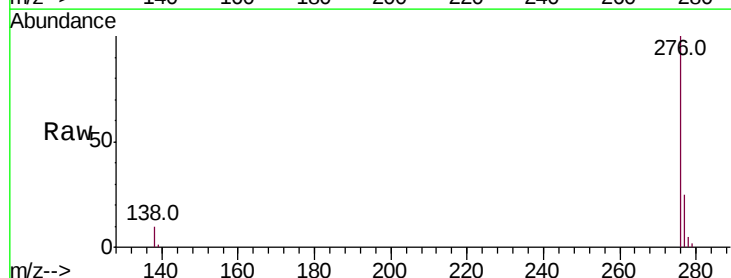
Tgt Ion:276 Resp: 42761

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.2

138 10.2 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

