

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100356.D
 Acq On : 4 Jul 2019 8:33
 Operator : JU/SJ
 Sample : K3558-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-016-SW095-062619

Quant Time: Jul 05 01:13:54 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	562	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	1990	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1659	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5086	0.40	ng	0.00
27) Chrysene-d12	21.25	240	6686	0.40	ng	0.00
34) Perylene-d12	23.66	264	8408	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	391	0.27	ng	0.00
5) Phenol-d6	6.83	99	454	0.24	ng	-0.01
8) Nitrobenzene-d5	8.82	82	416	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	12.04	152	821	0.22	ng	-0.02
14) 2,4,6-Tribromophenol	15.81	330	345	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	1242	0.19	ng	-0.02
25) Fluoranthene-d10	19.09	212	11678	0.16	ng	0.00
29) Terphenyl-d14	19.69	244	2626	0.19	ng	-0.01

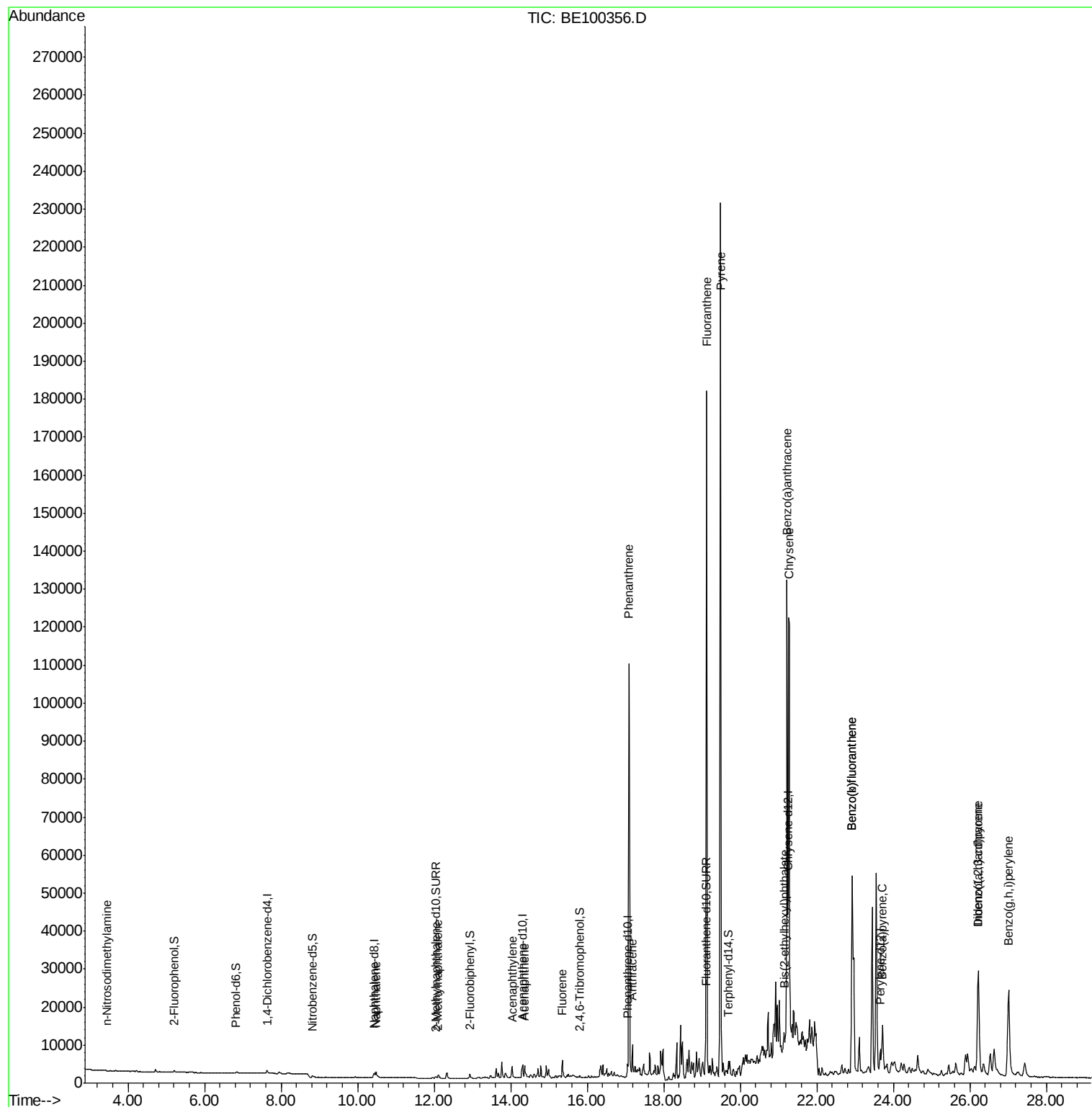
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.44	42	11	0.027	ng	# 16
9) Naphthalene	10.48	128	3380	0.154	ng	# 93
12) 2-Methylnaphthalene	12.11	142	750	0.195	ng	# 93
16) Acenaphthylene	14.04	152	4274	0.537	ng	97
17) Acenaphthene	14.37	154	1578	0.350	ng	94
18) Fluorene	15.35	166	4285	0.642	ng	# 93
23) Phenanthrene	17.09	178	107993	8.761	ng	100
24) Anthracene	17.19	178	8027	0.723	ng	96
26) Fluoranthene	19.12	202	161973	8.249	ng	98
28) Pvrene	19.48	202	218090	12.320	ng	# 95
30) Benzo(a)anthracene	21.22	228	109573	4.984	ng	97
31) Chrysene	21.28	228	125160	5.670	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	3444	0.053	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.22	276	52919	1.812	ng	# 98
35) Benzo(b)fluoranthene	22.92	252	104851	4.600	ng	# 96
36) Benzo(k)fluoranthene	22.92	252	104851	4.121	ng	98
37) Benzo(a)pvrene	23.72	252	15533	0.680	ng	93
38) Dibenzo(a,h)anthracene	26.23	278	15304	0.641	ng	# 88
39) Benzo(g,h,i)perylene	27.01	276	62886	2.565	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: 7.63 min Scan# 414

Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

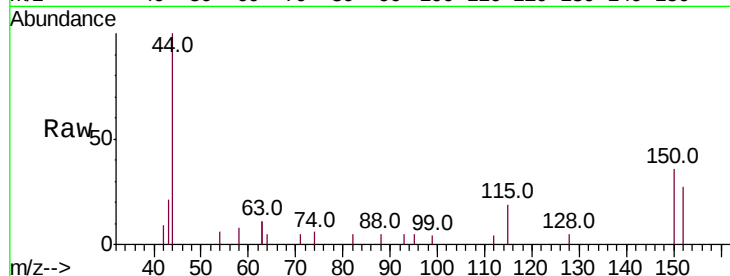
Tot Ion:152 Resp: 562

Ion Ratio Lower Upper

152 100

150 136.3 114.5 171.7

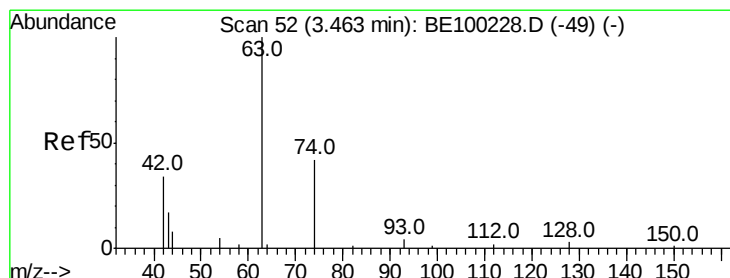
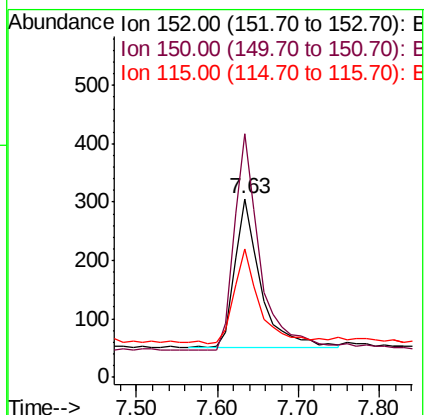
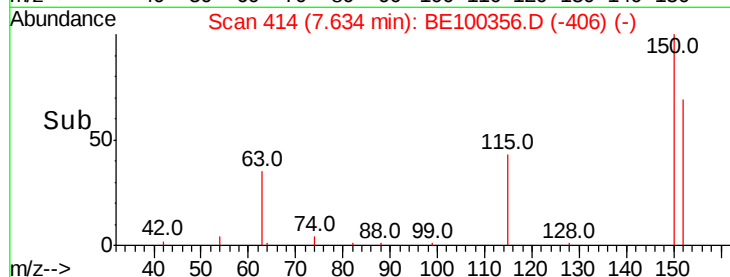
115 71.6 57.1 85.7



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



#3

n-Nitrosodimethylamine

Concen: 0.027 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

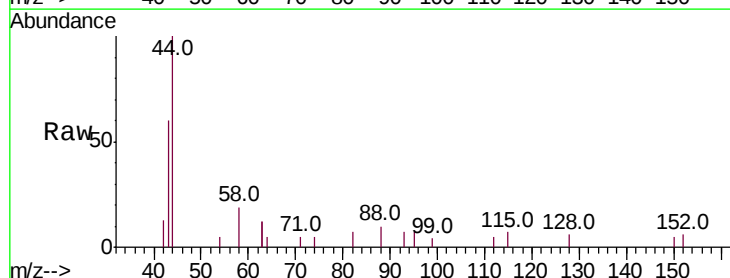
Tgt Ion: 42 Resp: 11

Ion Ratio Lower Upper

42 100

74 45.5 130.6 196.0#

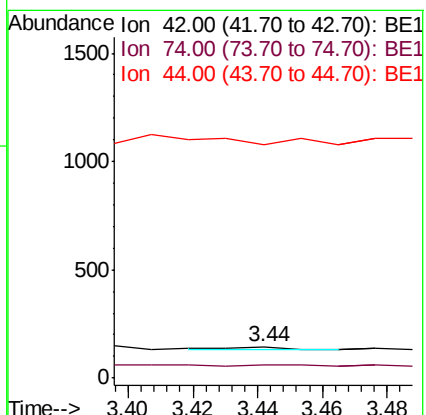
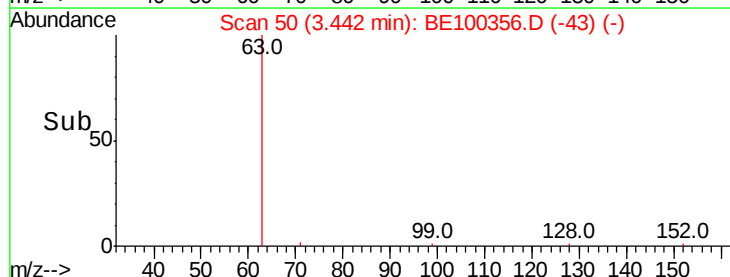
44 0.0 38.0 57.0#

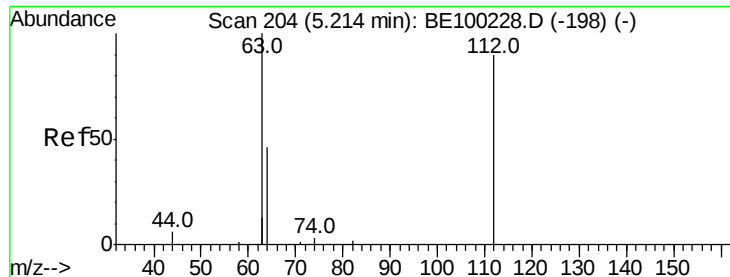


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.273 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

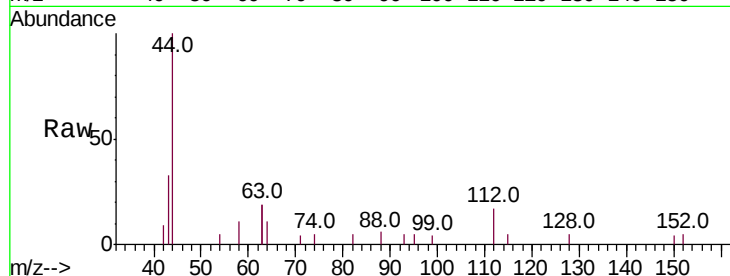
Tot Ion: 112 Resp: 391

Ion Ratio Lower Upper

112 100

64 55.2 39.4 59.0

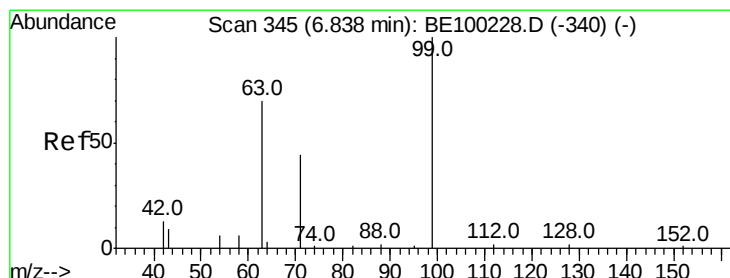
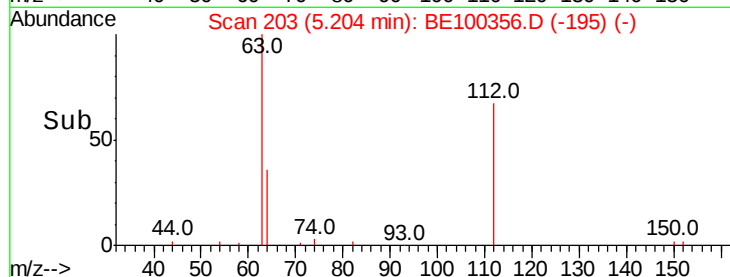
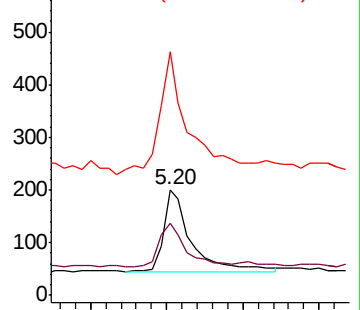
63 161.1 104.5 156.7#



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: 0.241 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

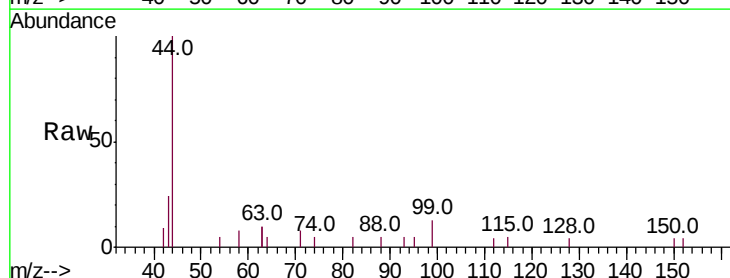
Tgt Ion: 99 Resp: 454

Ion Ratio Lower Upper

99 100

42 22.5 11.2 16.8#

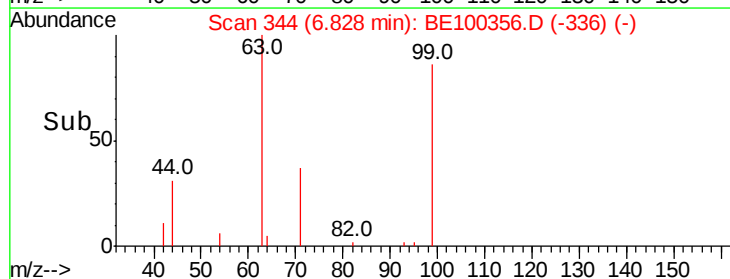
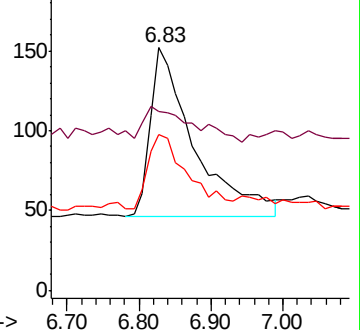
71 39.0 37.2 55.8

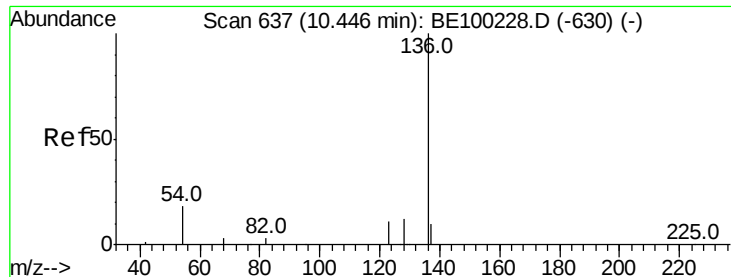


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

Tot Ion:136 Resp: 1990

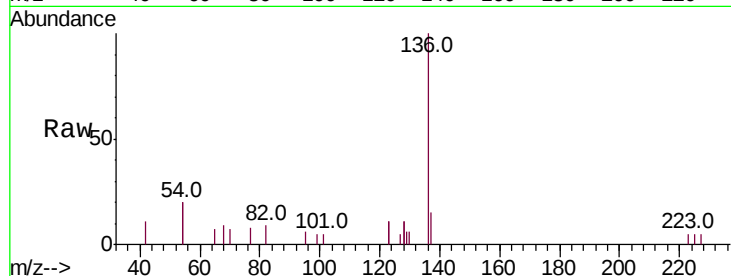
Ion Ratio Lower Upper

136 100

137 15.2 11.8 17.8

54 40.0 27.7 41.5

68 9.2 6.8 10.2

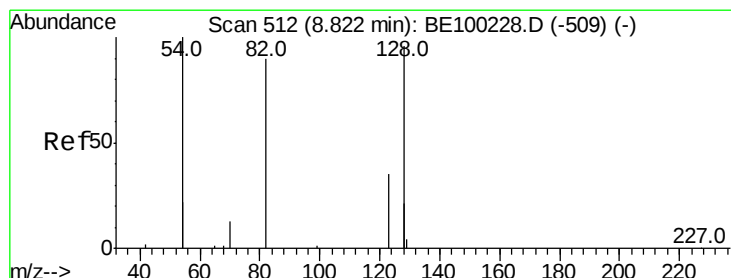
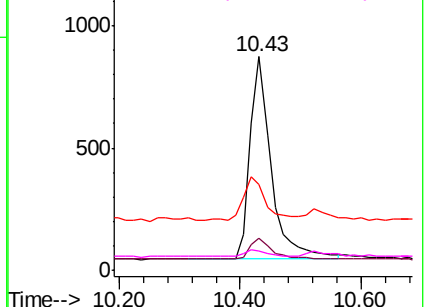
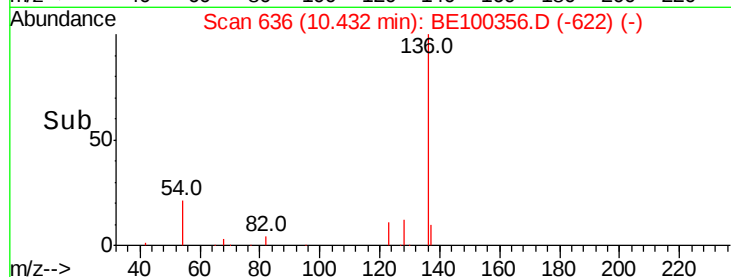


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.210 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

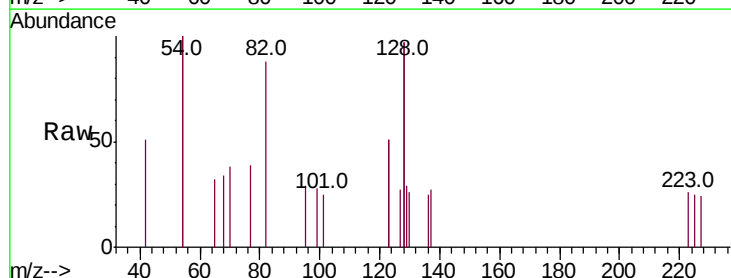
Tgt Ion: 82 Resp: 416

Ion Ratio Lower Upper

82 100

128 218.8 140.9 211.3#

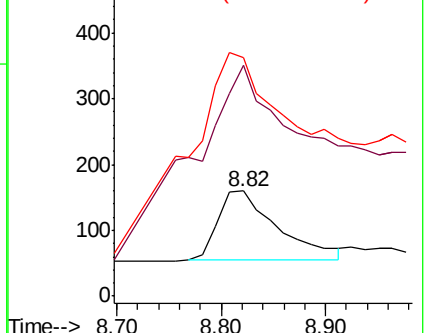
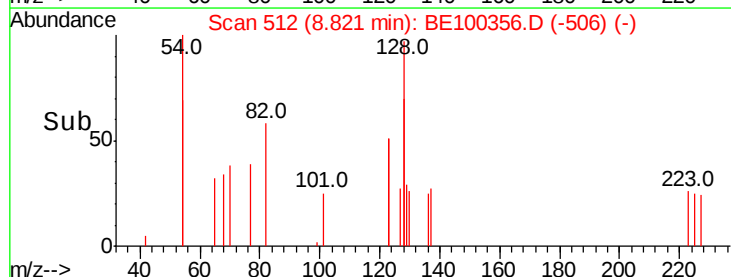
54 226.3 146.2 219.2#

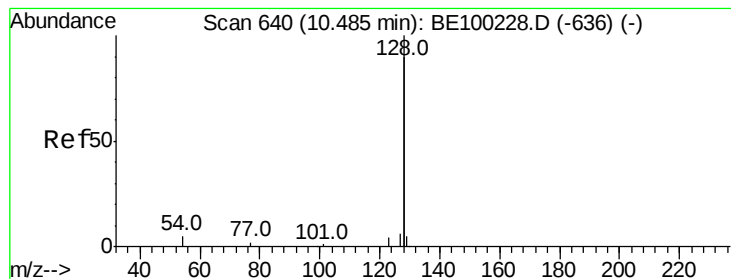


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.154 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

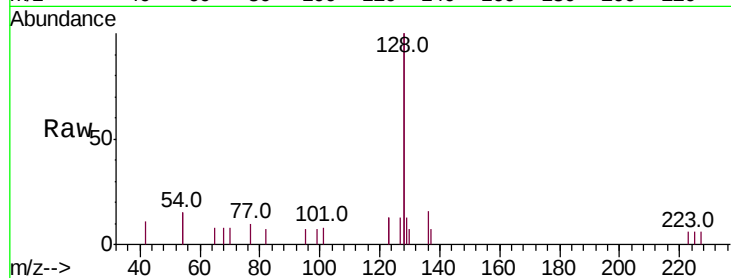
Tot Ion:128 Resp: 3380

Ion Ratio Lower Upper

128 100

129 6.4 3.0 4.6#

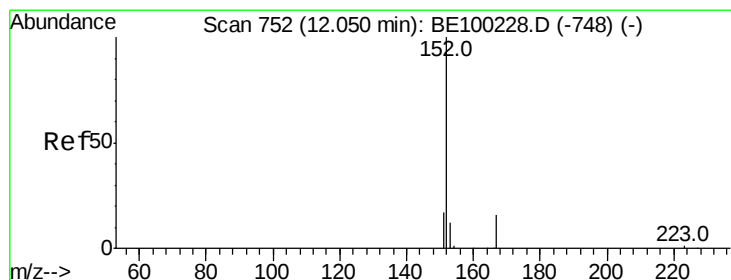
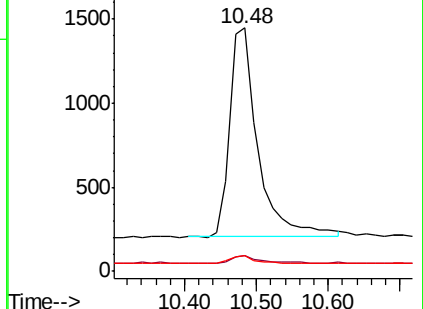
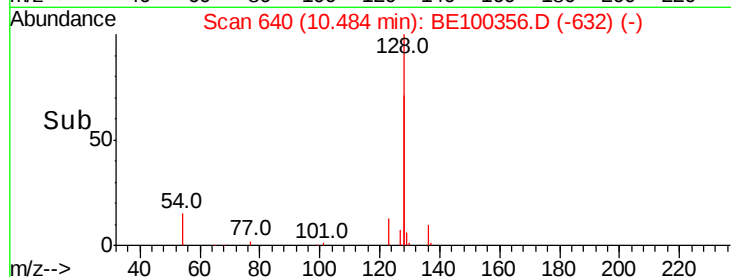
127 6.6 3.5 5.3#



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: 0.219 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.02 min

Lab File: BE100356.D

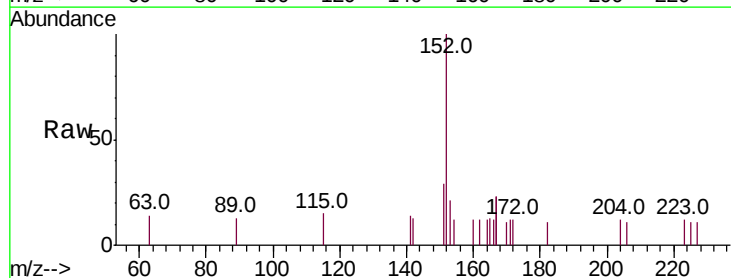
Acq: 4 Jul 2019 8:33

Tgt Ion:152 Resp: 821

Ion Ratio Lower Upper

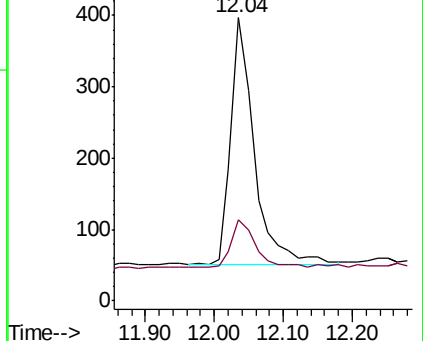
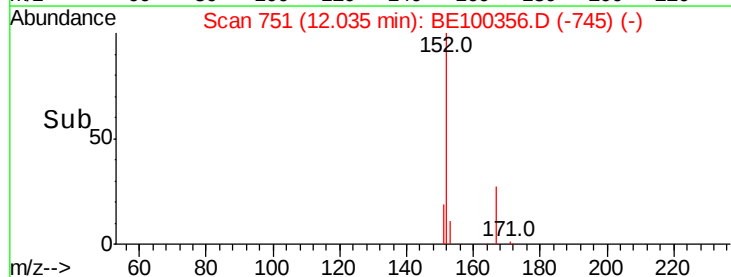
152 100

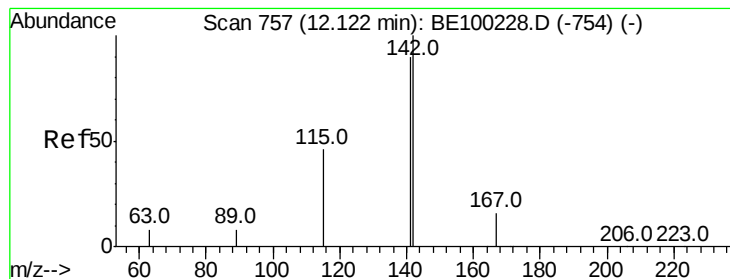
151 19.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.195 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.02 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

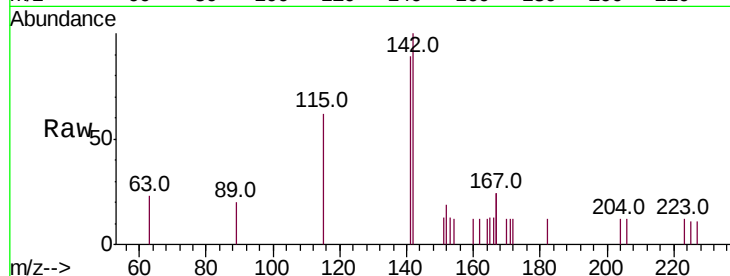
Tot Ion:142 Resp: 750

Ion Ratio Lower Upper

142 100

141 89.4 72.4 108.6

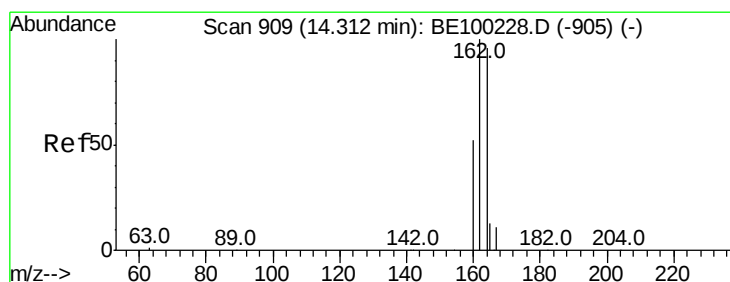
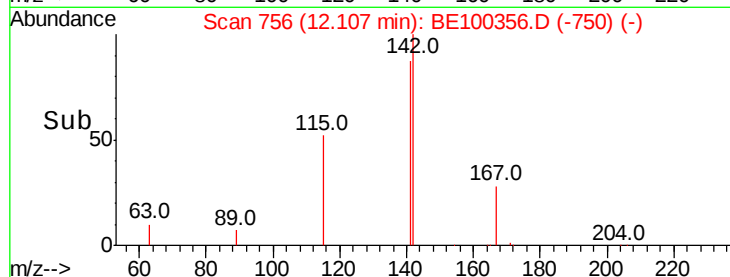
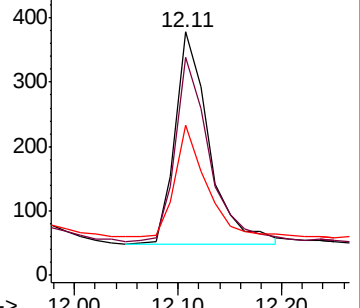
115 61.9 40.4 60.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

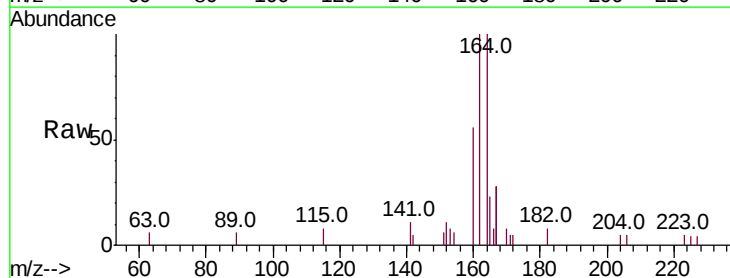
Tgt Ion:164 Resp: 1659

Ion Ratio Lower Upper

164 100

162 100.5 83.4 125.0

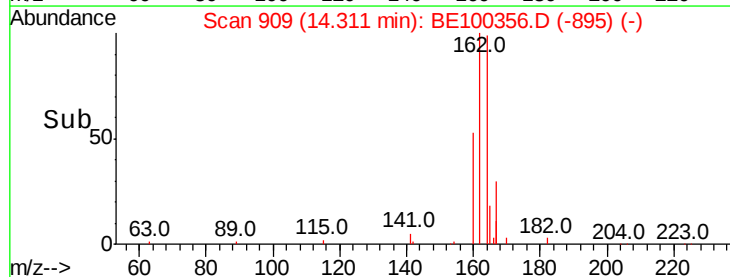
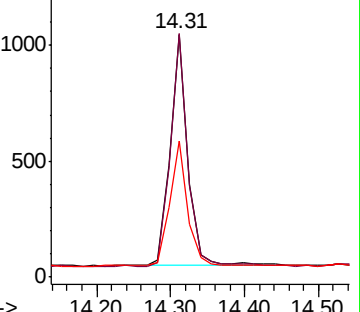
160 56.0 45.0 67.6

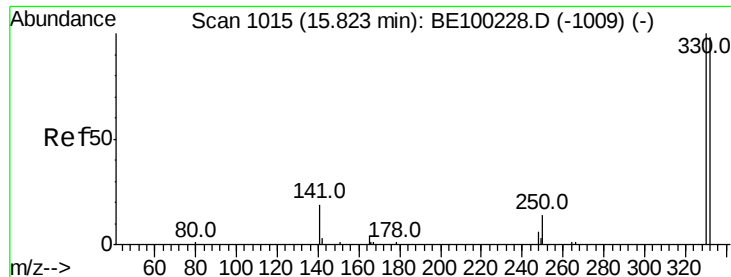


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

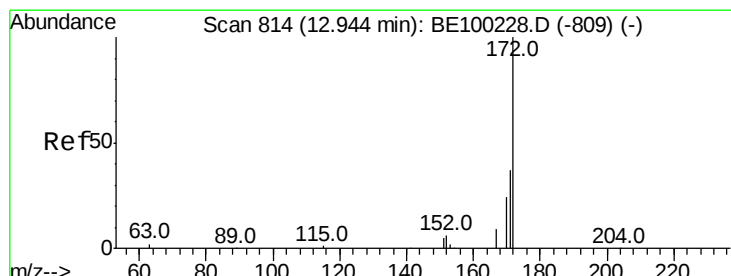
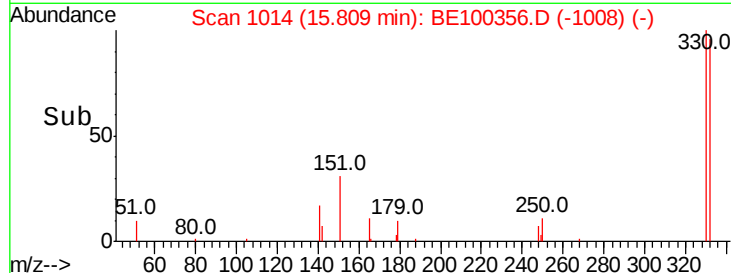
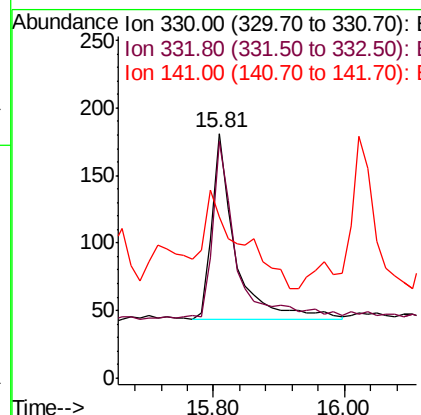
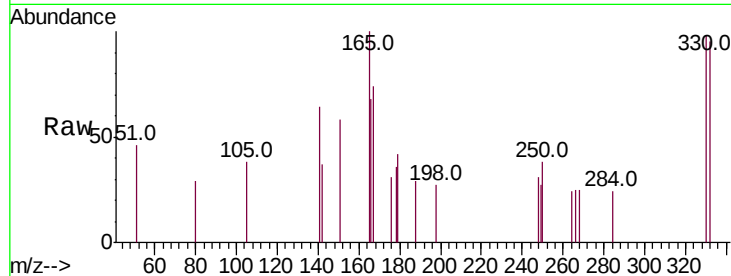




#14
 2,4,6-Tribromophenol
 Concen: 0.297 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100356.D
 Acq: 4 Jul 2019 8:33

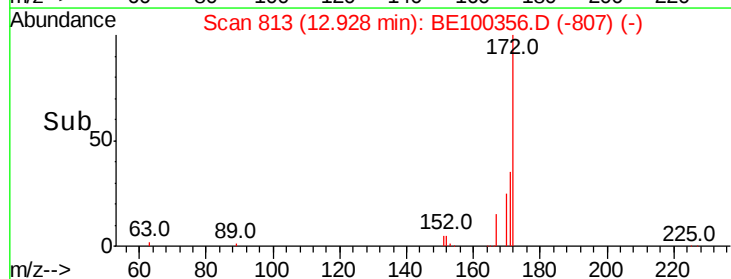
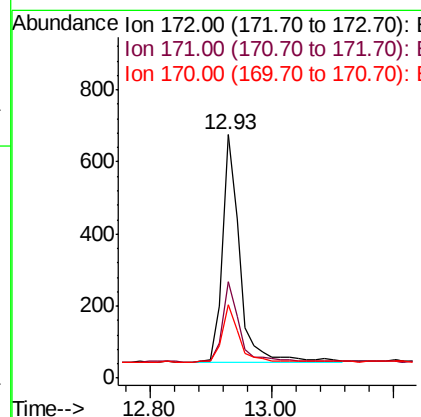
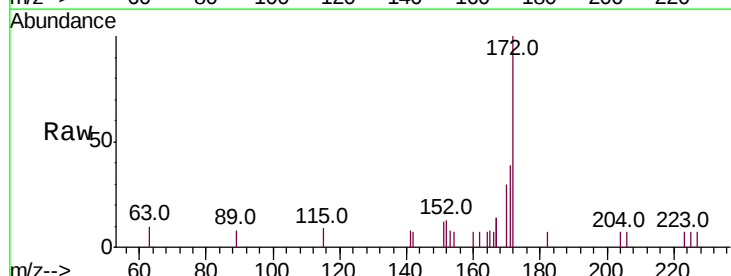
Instrument :
 BNA_E
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 EXT-016-SW095-062619

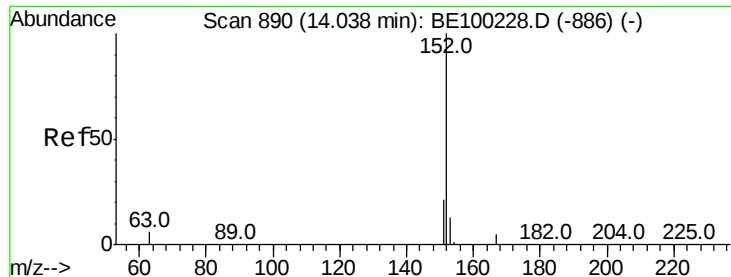
Tot Ion:330 Resp: 345
 Ion Ratio Lower Upper
 330 100
 332 89.9 77.0 115.4
 141 79.7 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.192 ng
 RT: 12.93 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BE100356.D
 Acq: 4 Jul 2019 8:33

Tgt Ion:172 Resp: 1242
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.9 47.9
 170 30.3 22.2 33.2





#16

Acenaphthylene

Concen: 0.537 ng

RT: 14.04 min Scan# 890

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

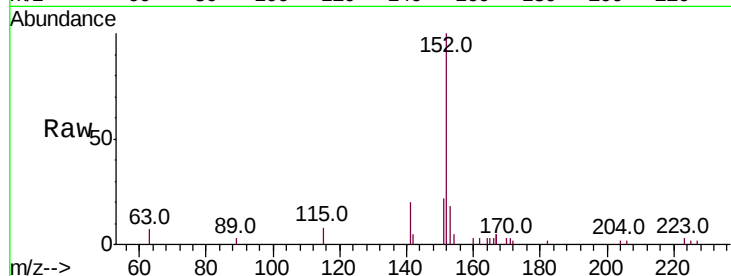
Tot Ion:152 Resp: 4274

Ion Ratio Lower Upper

152 100

151 21.4 16.6 25.0

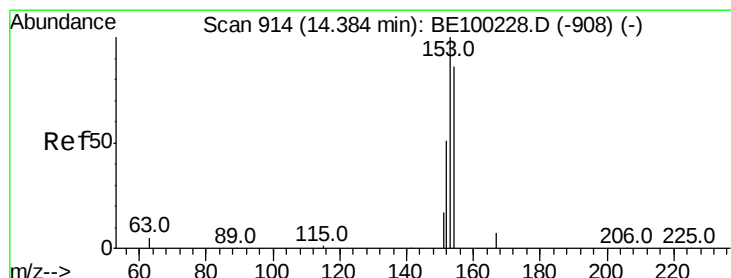
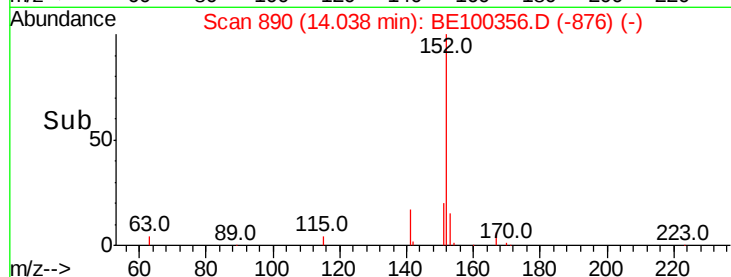
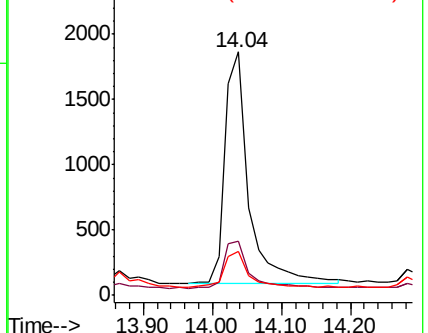
153 15.6 10.5 15.7



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: 0.350 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

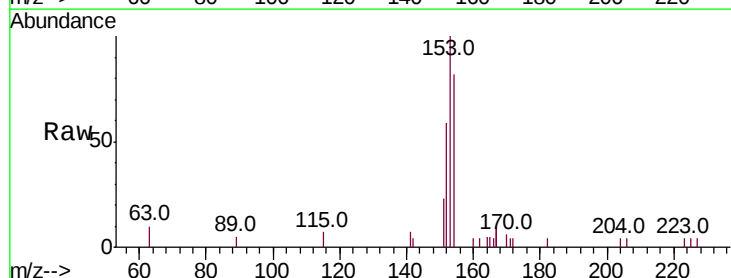
Tgt Ion:154 Resp: 1578

Ion Ratio Lower Upper

154 100

153 119.2 93.4 140.2

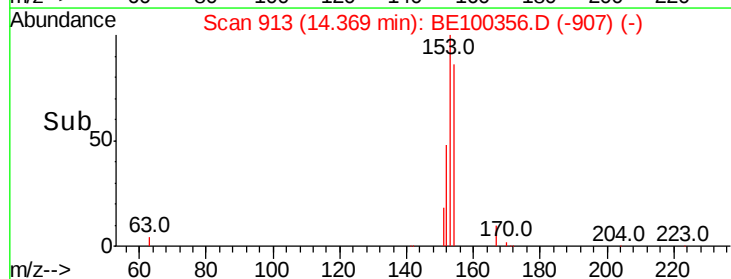
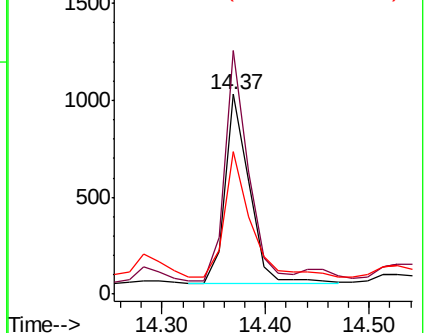
152 70.9 49.4 74.2

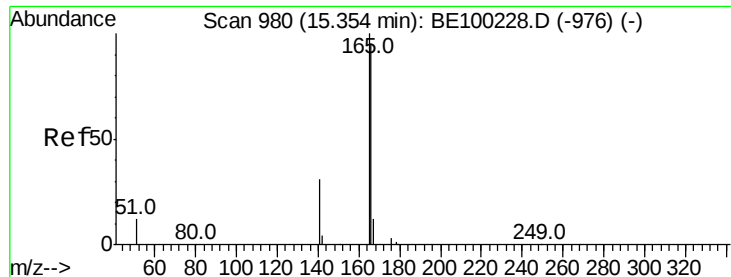


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.642 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

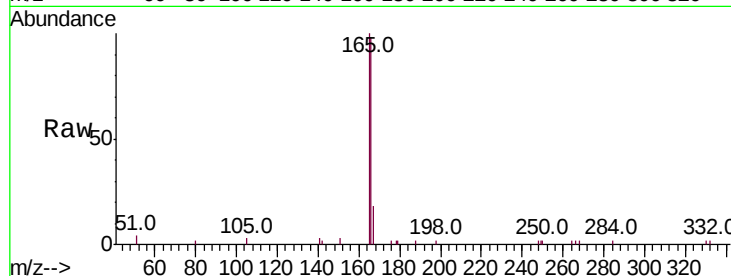
Tot Ion:166 Resp: 4285

Ion Ratio Lower Upper

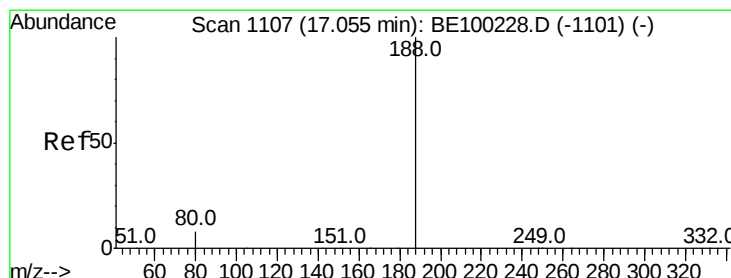
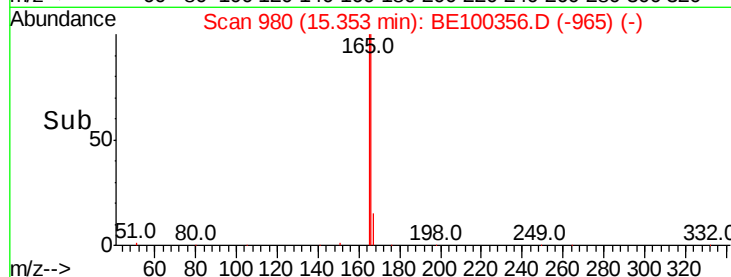
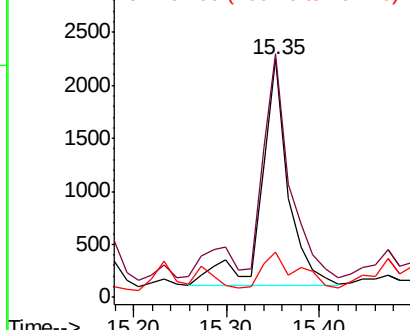
166 100

165 96.3 81.1 121.7

167 21.1 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: BE100356.D

Acq: 4 Jul 2019 8:33

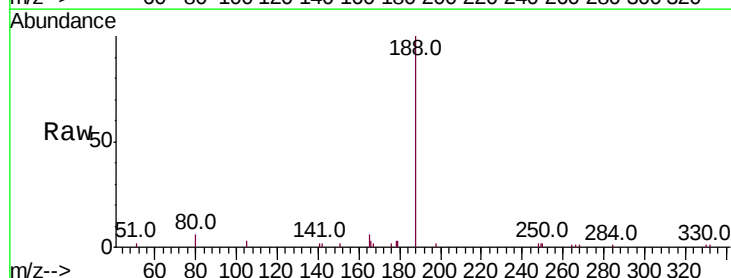
Tgt Ion:188 Resp: 5086

Ion Ratio Lower Upper

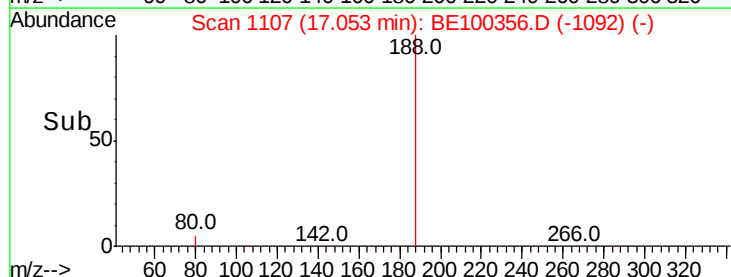
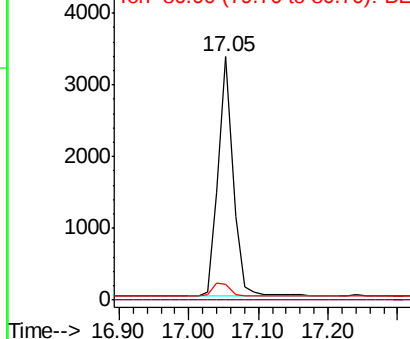
188 100

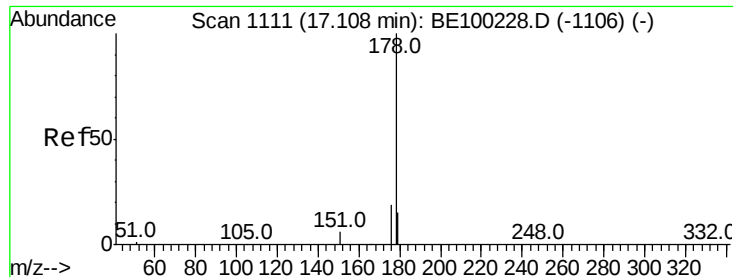
94 0.0 0.0 0.0

80 6.4 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: 8.761 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

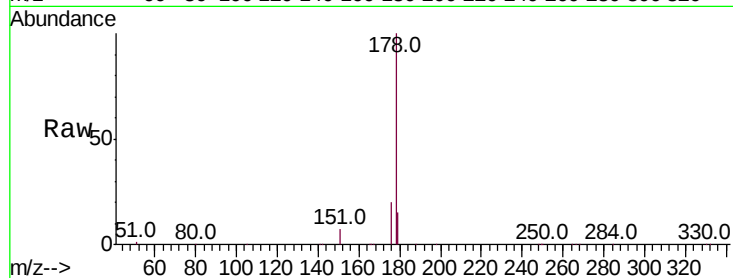
BNA_E

ClientSampleId :

EXT-016-SW095-062619

Tot Ion:178 Resp: 107993

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.4	12.2	18.2

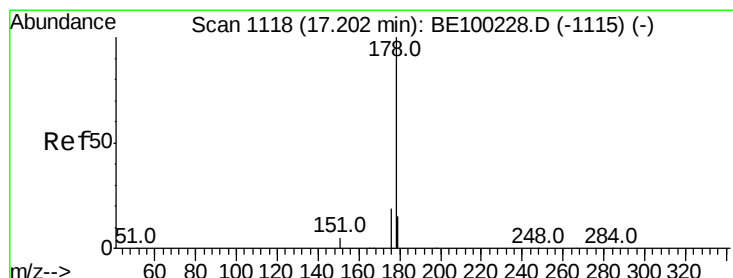
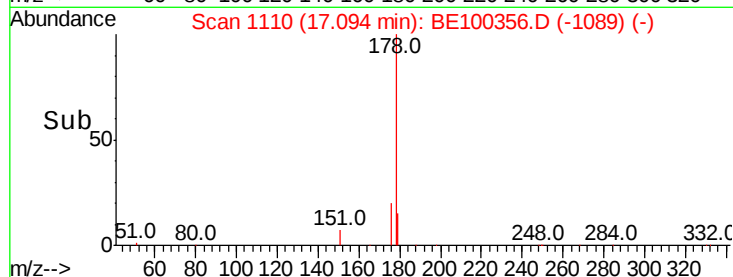
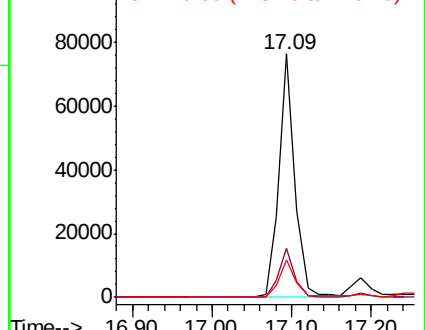


Abundance

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



#24

Anthracene

Concen: 0.723 ng

RT: 17.19 min Scan# 1117

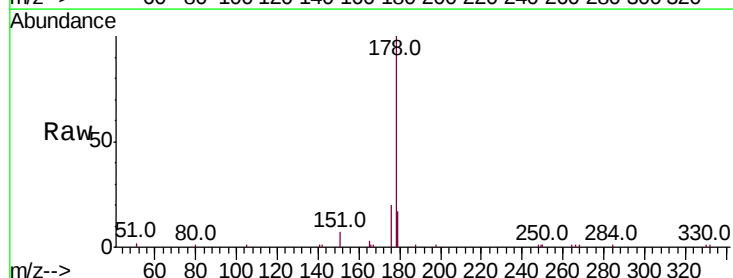
Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Tgt Ion:178 Resp: 8027

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	17.9	12.2	18.2

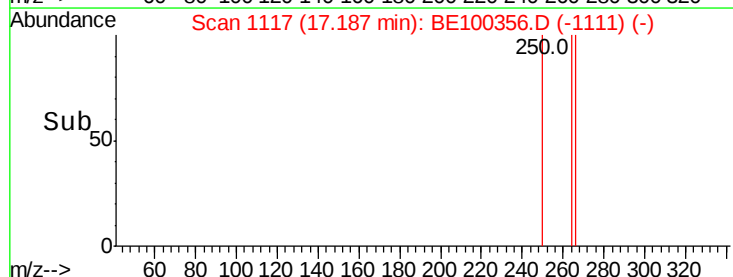
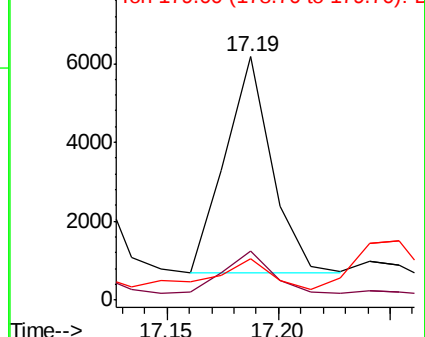


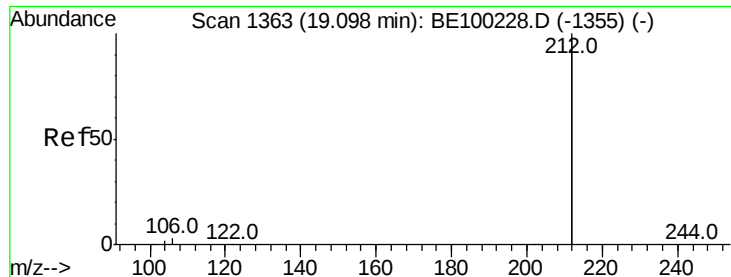
Abundance

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: 0.158 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

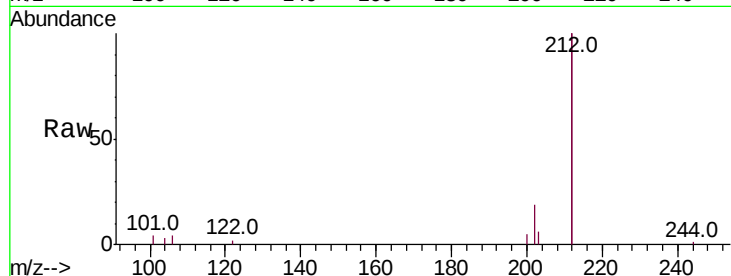
Tot Ion:212 Resp: 11678

Ion Ratio Lower Upper

212 100

106 1.8 1.3 1.9

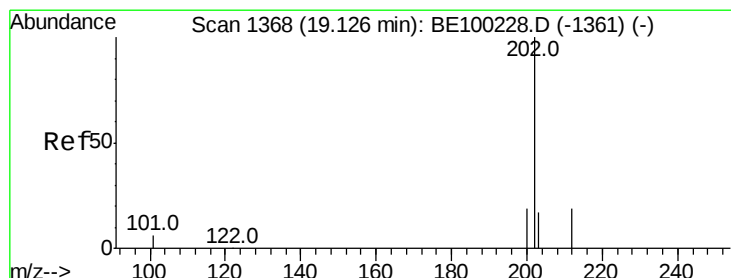
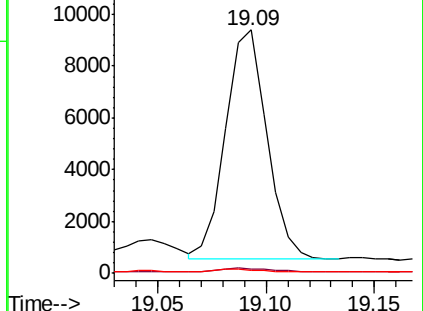
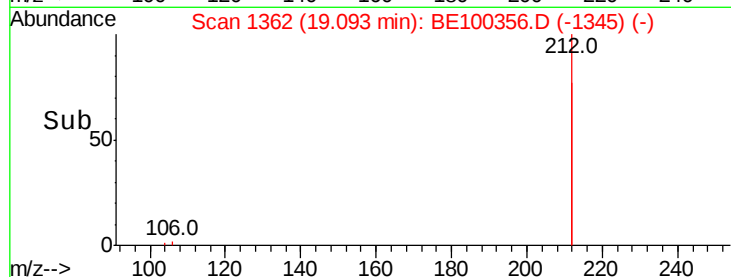
104 1.1 0.8 1.2



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: 8.249 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

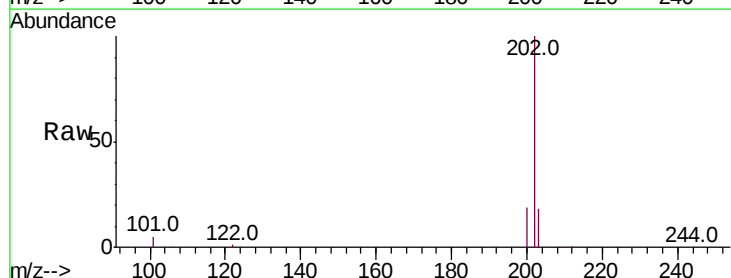
Tgt Ion:202 Resp: 161973

Ion Ratio Lower Upper

202 100

101 5.2 4.6 7.0

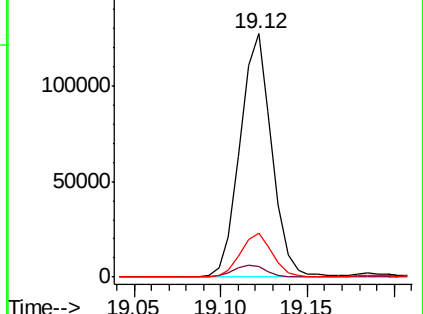
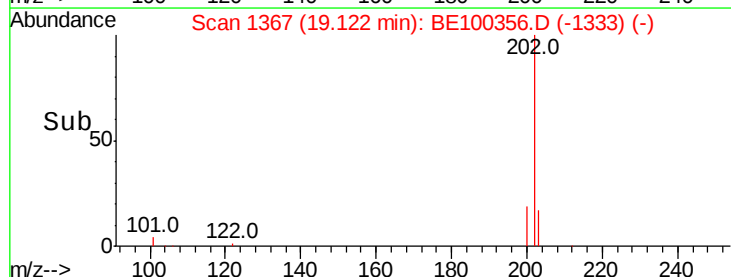
203 17.9 13.7 20.5

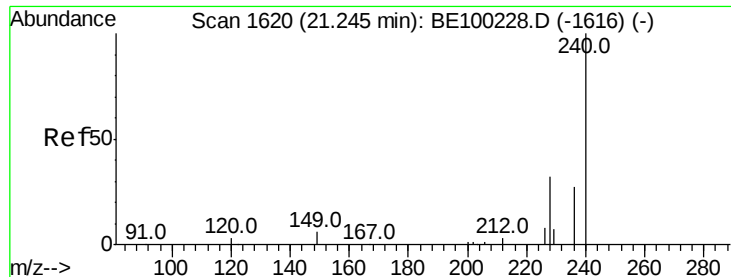


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

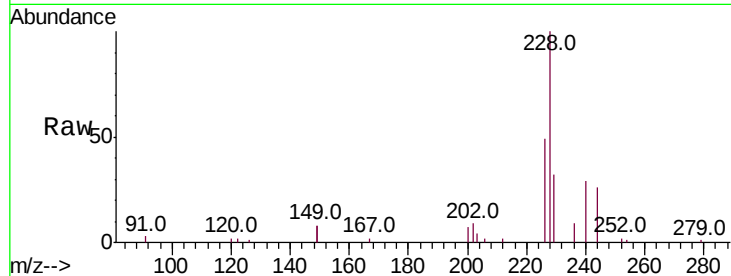




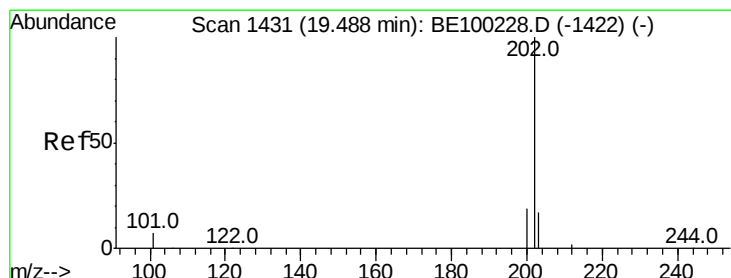
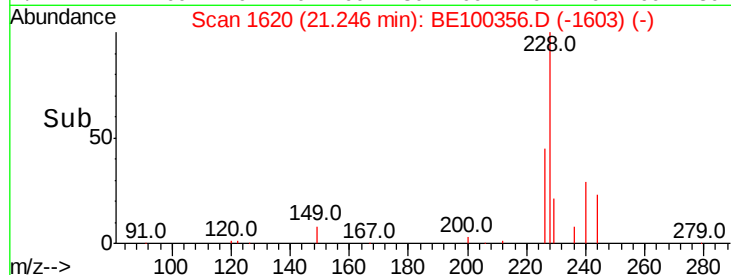
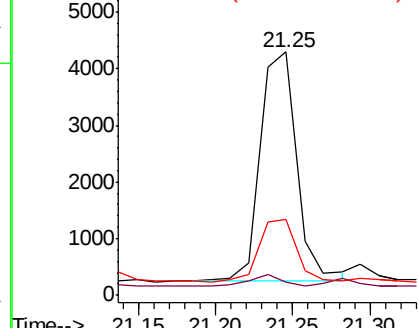
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Instrument :
BNA_E
ClientSampleId :
EXT-016-SW095-062619

Tot Ion:240 Resp: 6686
Ion Ratio Lower Upper
240 100
120 5.2 3.3 4.9#
236 31.3 22.6 34.0

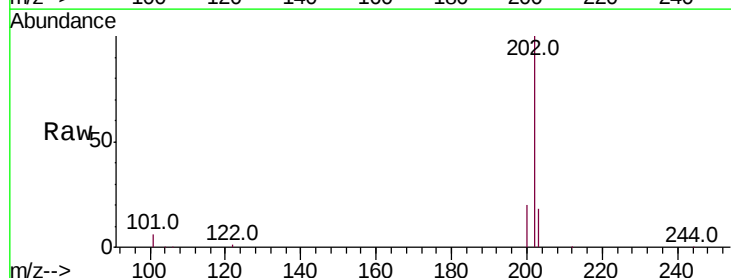


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

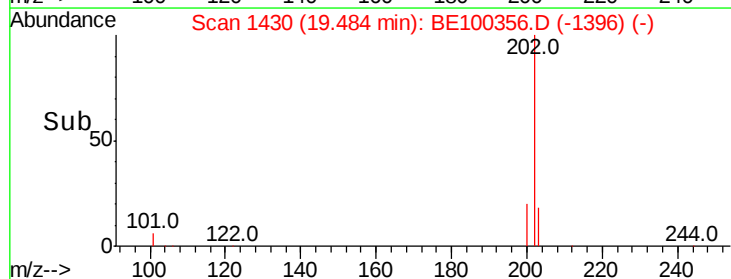
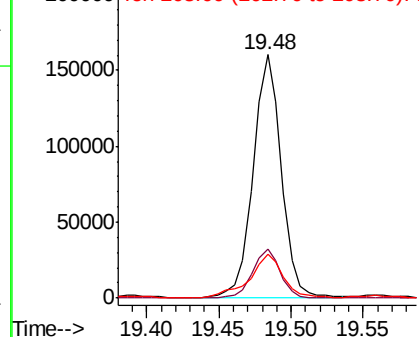


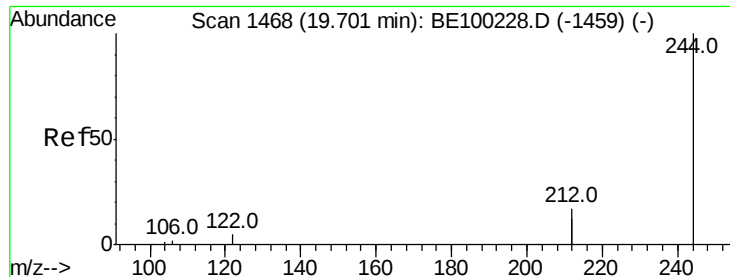
#28
Pyrene
Concen: 12.320 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE100356.D
Acq: 4 Jul 2019 8:33

Tgt Ion:202 Resp: 218090
Ion Ratio Lower Upper
202 100
200 19.9 15.6 23.4
203 21.2 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: 0.189 ng

RT: 19.69 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

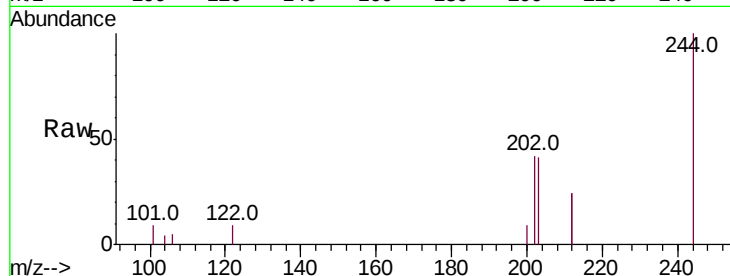
Tot Ion:244 Resp: 2626

Ion Ratio Lower Upper

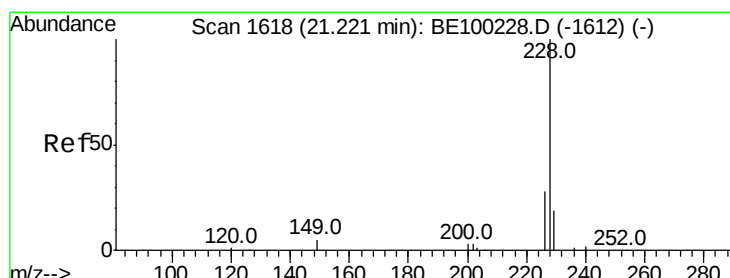
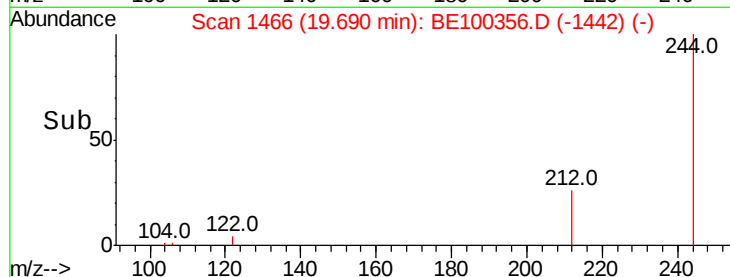
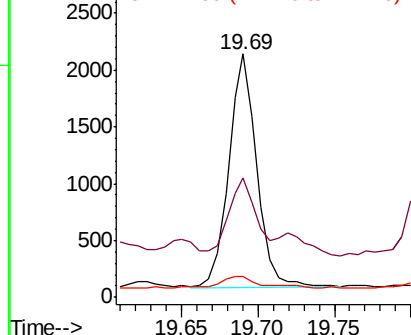
244 100

212 49.0 27.3 40.9#

122 8.8 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: 4.984 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

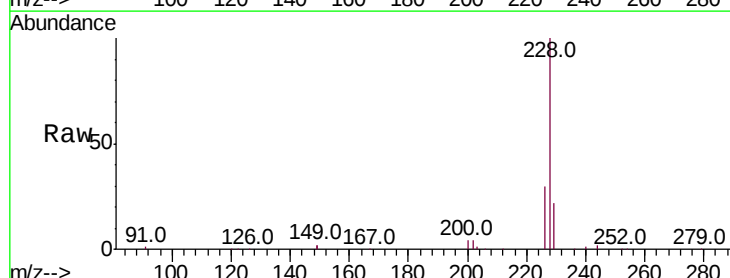
Tgt Ion:228 Resp: 109573

Ion Ratio Lower Upper

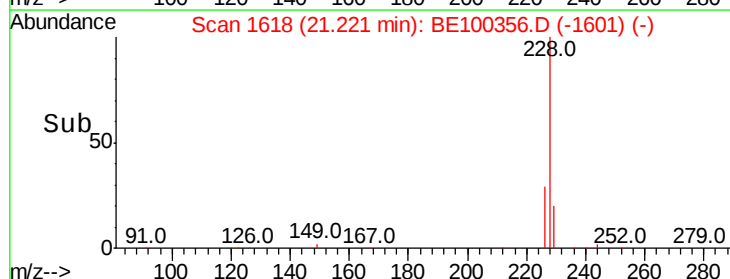
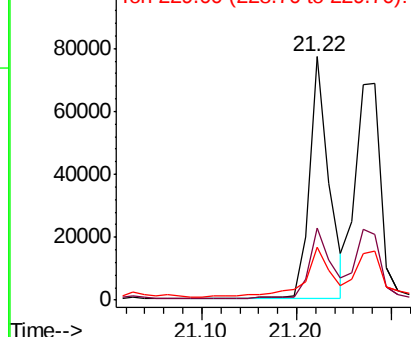
228 100

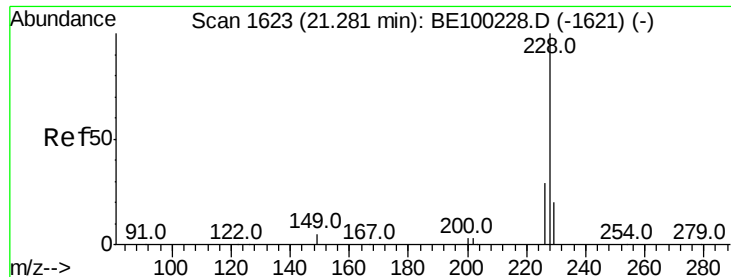
226 29.7 23.2 34.8

229 21.6 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: 5.670 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

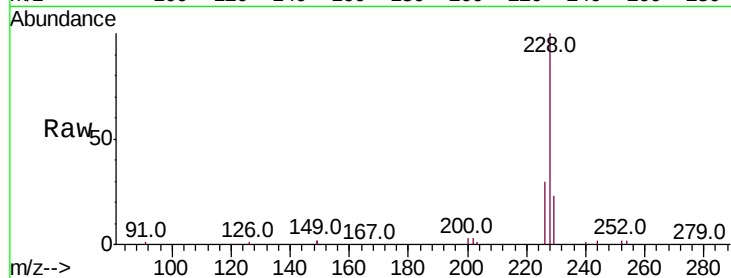
BNA_E

ClientSampleId :

EXT-016-SW095-062619

Tot Ion:228 Resp: 125160

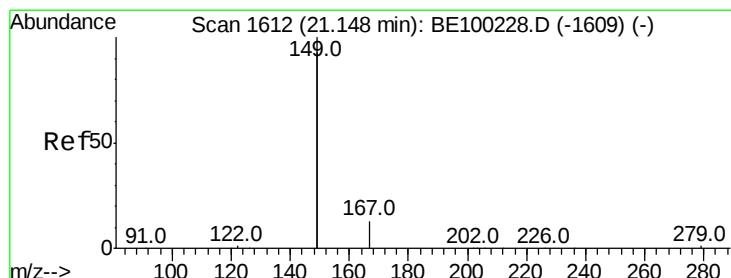
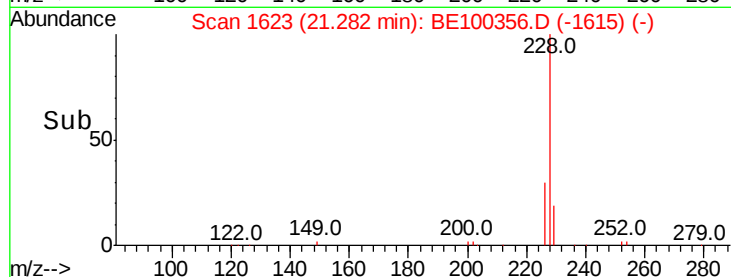
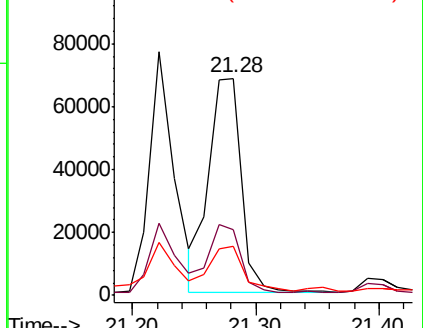
Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	22.9	16.5	24.7



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: 0.053 ng

RT: 21.15 min Scan# 1612

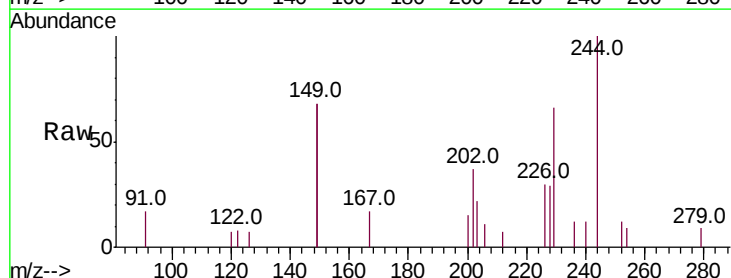
Delta R.T. 0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Tgt Ion:149 Resp: 3444

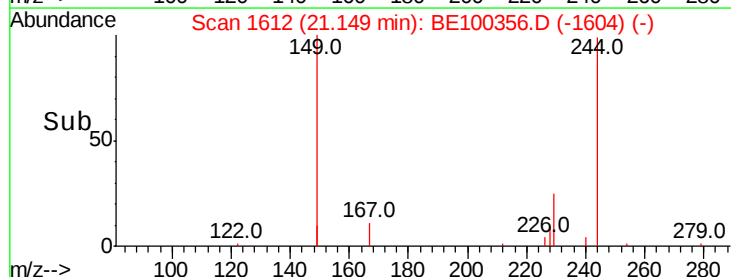
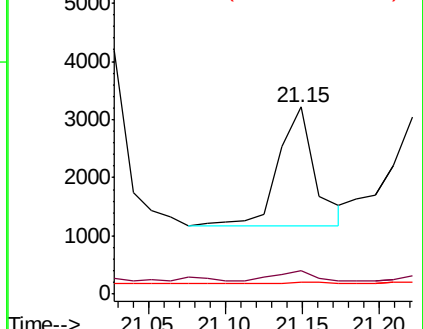
Ion	Ratio	Lower	Upper
149	100		
167	9.9	5.8	8.8#
279	1.8	1.1	1.7#

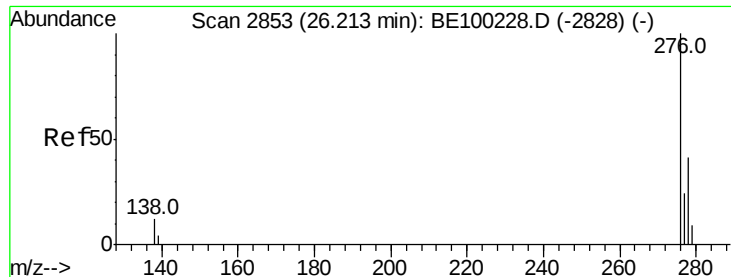


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.812 ng

RT: 26.22 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

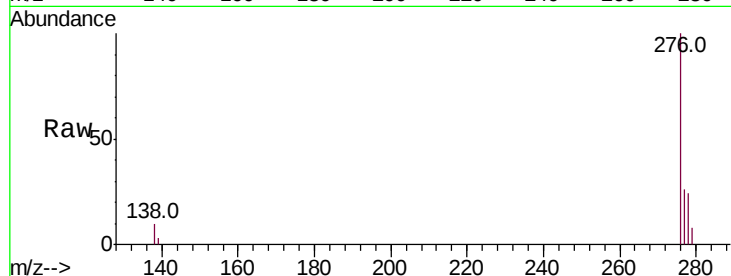
Tot Ion:276 Resp: 52919

Ion Ratio Lower Upper

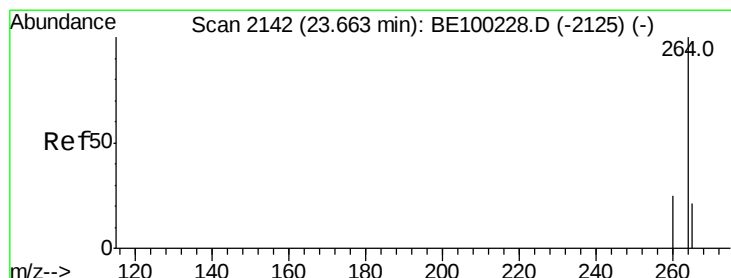
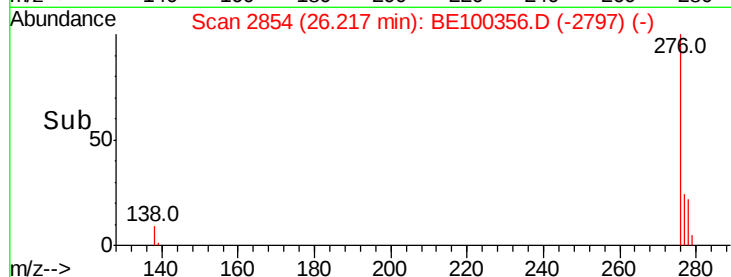
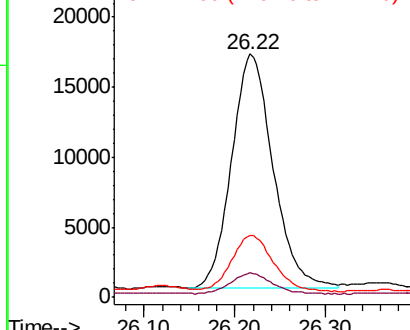
276 100

138 8.9 9.4 14.0#

277 24.0 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.66 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

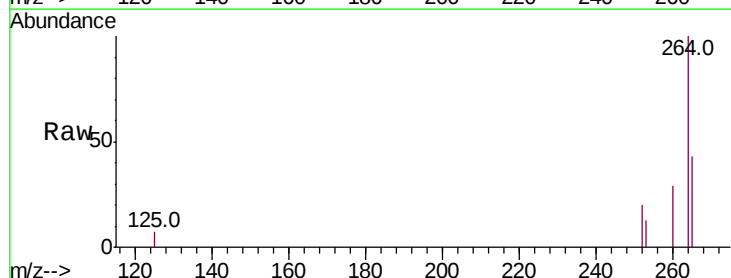
Tgt Ion:264 Resp: 8408

Ion Ratio Lower Upper

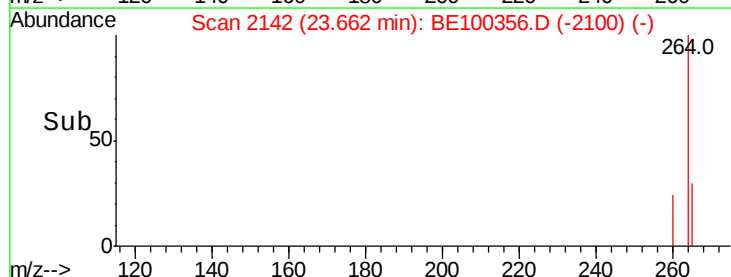
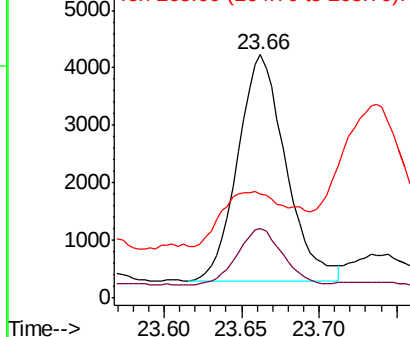
264 100

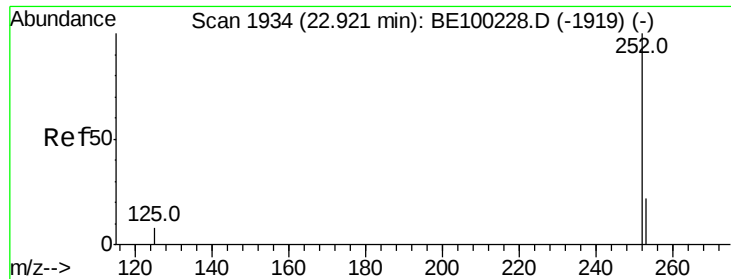
260 28.6 20.8 31.2

265 42.9 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: 4.600 ng

RT: 22.92 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

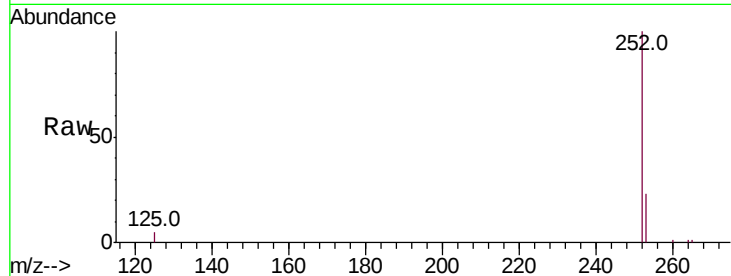
Tot Ion:252 Resp: 104851

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

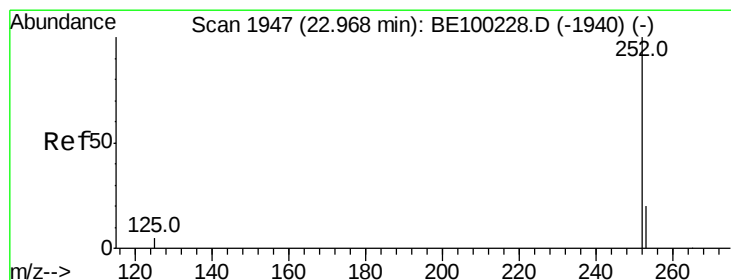
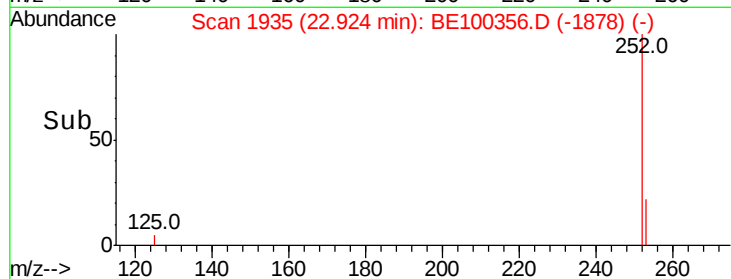
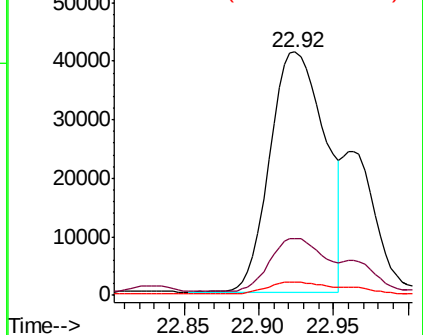
125 5.4 7.4 11.0#



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: 4.121 ng

RT: 22.92 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

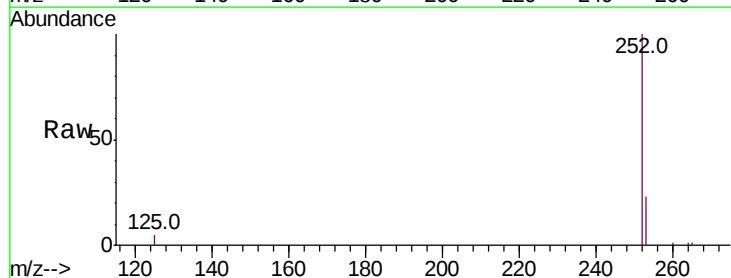
Tgt Ion:252 Resp: 104851

Ion Ratio Lower Upper

252 100

253 23.4 17.9 26.9

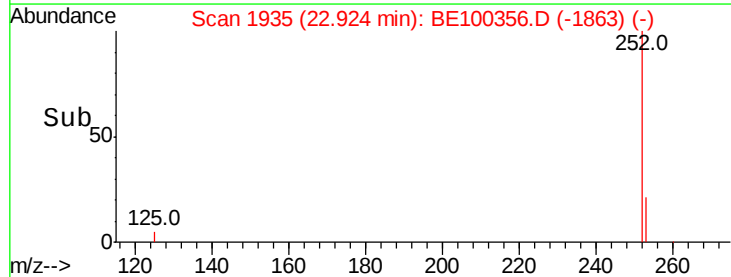
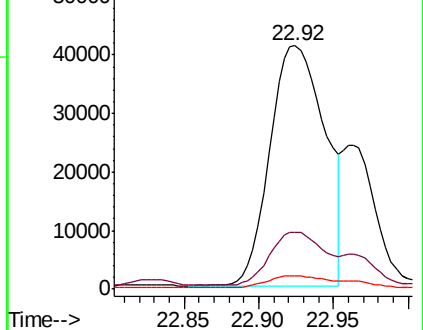
125 5.4 5.0 7.4

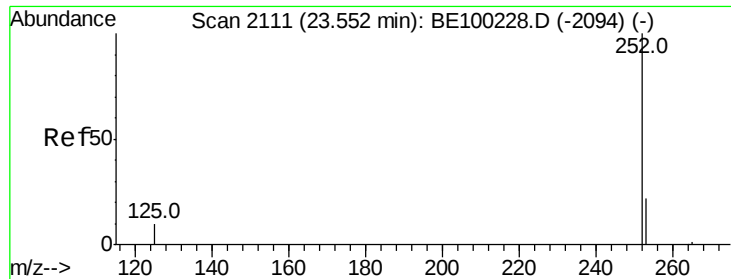


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.680 ng

RT: 23.72 min Scan# 2157

Delta R.T. 0.16 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

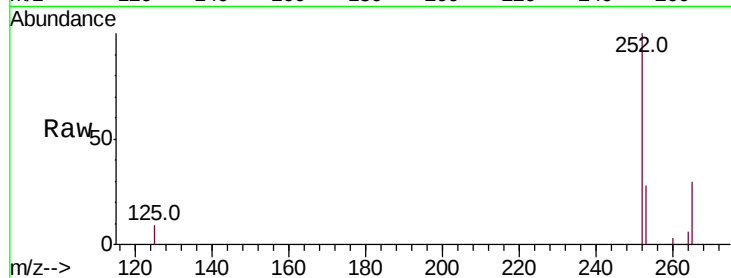
Tot Ion:252 Resp: 15533

Ion Ratio Lower Upper

252 100

253 28.5 19.6 29.4

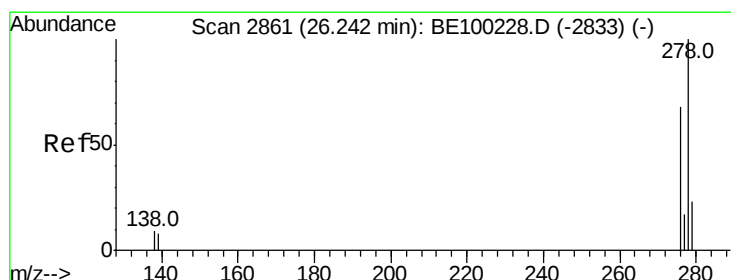
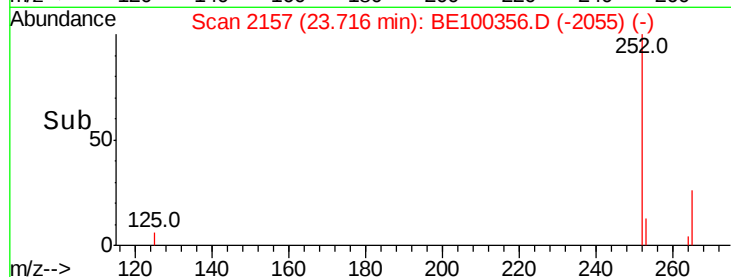
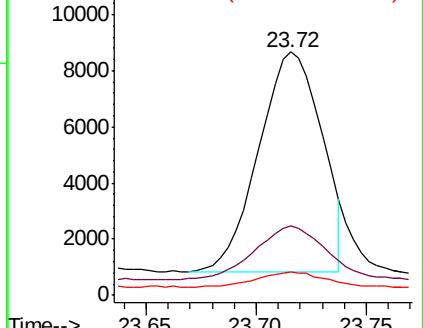
125 9.4 9.0 13.6



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: 0.641 ng

RT: 26.23 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

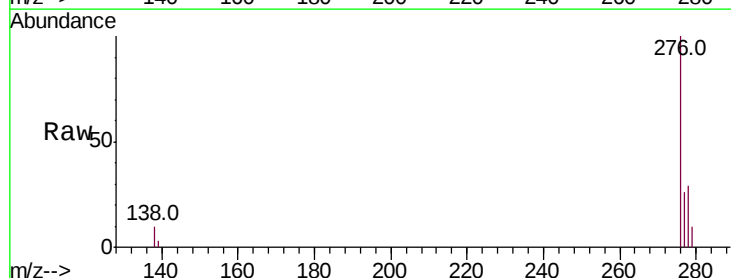
Tgt Ion:278 Resp: 15304

Ion Ratio Lower Upper

278 100

139 10.6 8.2 12.2

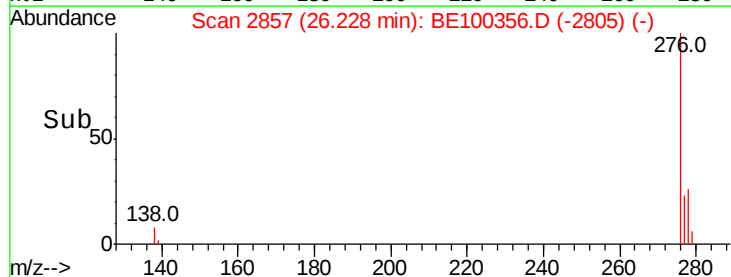
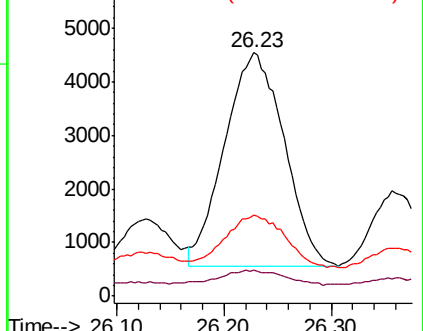
279 33.5 20.3 30.5#

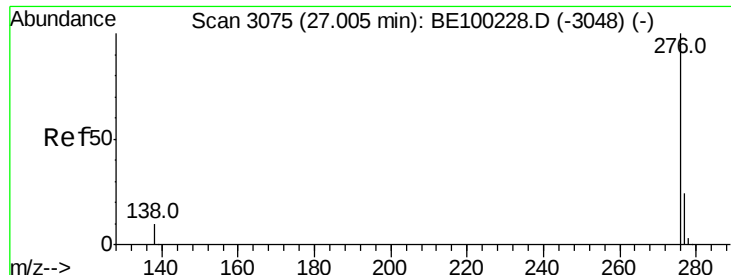


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 2.565 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100356.D

Acq: 4 Jul 2019 8:33

Instrument :

BNA_E

ClientSampleId :

EXT-016-SW095-062619

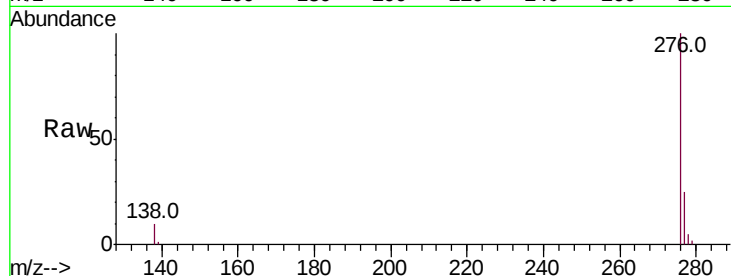
Tot Ion:276 Resp: 62886

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.2

138 10.1 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

