

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100378.D
 Acq On : 5 Jul 2019 13:09
 Operator : JU/SJ
 Sample : K3560-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-009-SW133-062419

Quant Time: Jul 06 00:11:17 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	630	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	1964	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1670	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	5236	0.40	ng	-0.01
27) Chrysene-d12	21.23	240	8783	0.40	ng	-0.01
34) Perylene-d12	23.65	264	8816	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.20	112	625	0.39	ng	-0.01
5) Phenol-d6	6.81	99	767	0.36	ng	-0.02
8) Nitrobenzene-d5	8.80	82	550	0.28	ng	-0.03
11) 2-Methylnaphthalene-d10	12.02	152	1370	0.37	ng	-0.03
14) 2,4,6-Tribromophenol	15.79	330	588	0.50	ng	-0.03
15) 2-Fluorobiphenyl	12.92	172	2069	0.32	ng	-0.03
25) Fluoranthene-d10	19.08	212	22633	0.30	ng	-0.02
29) Terphenyl-d14	19.68	244	4633	0.25	ng	-0.02

Target Compounds

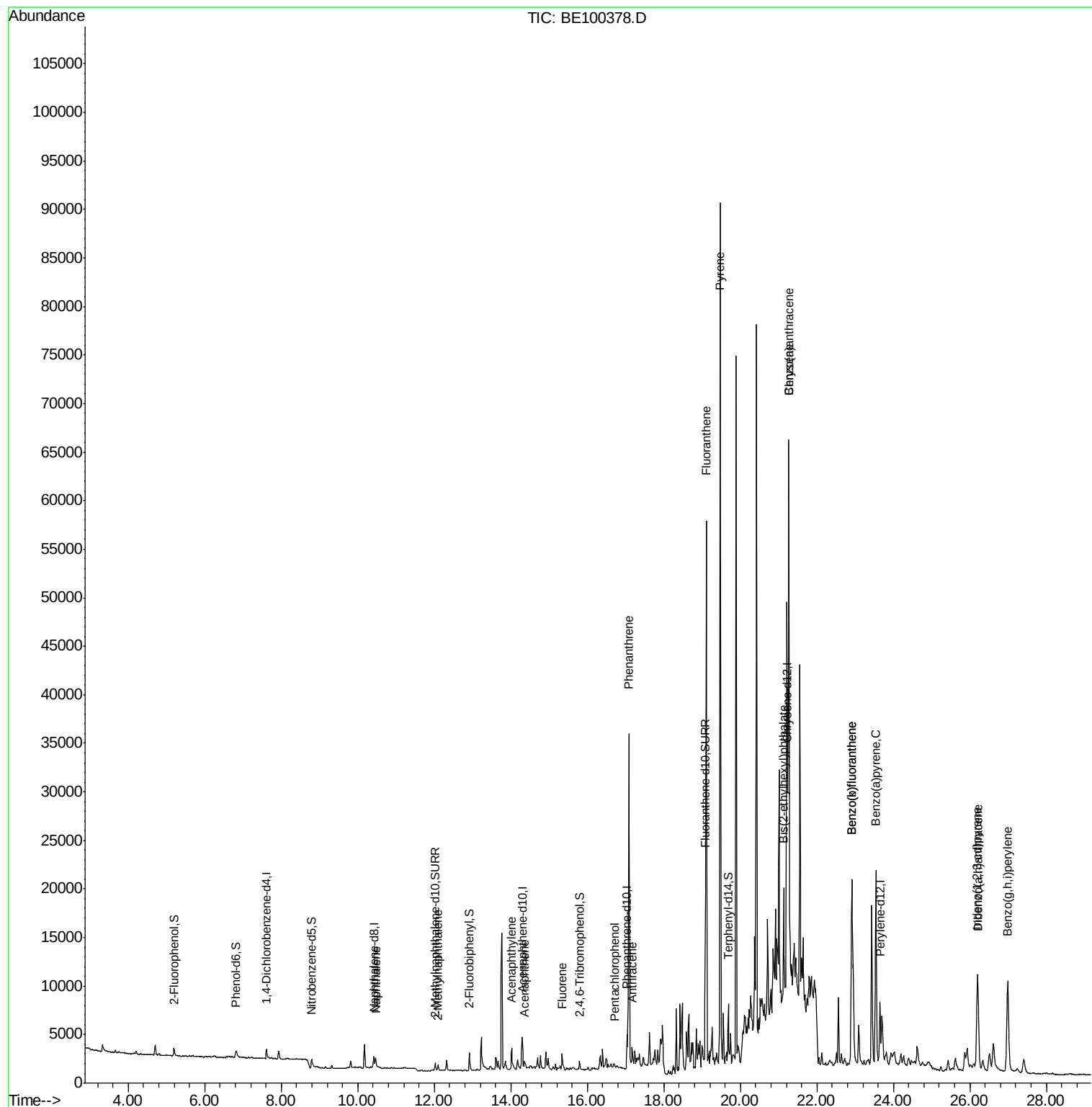
						Qvalue
9) Naphthalene	10.47	128	2133	0.098	ng	# 92
12) 2-Methylnaphthalene	12.09	142	462	0.122	ng	# 87
16) Acenaphthylene	14.03	152	3160	0.394	ng	97
17) Acenaphthene	14.36	154	407	0.090	ng	92
18) Fluorene	15.34	166	1450	0.216	ng	# 85
22) Pentachlorophenol	16.72	266	22	0.021	ng	# 74
23) Phenanthrene	17.08	178	39905	3.144	ng	99
24) Anthracene	17.17	178	1916	0.168	ng	98
26) Fluoranthene	19.11	202	53971	2.670	ng	98
28) Pyrene	19.47	202	87684	3.771	ng	97
30) Benzo(a)anthracene	21.27	228	54968	1.903	ng	95
31) Chrysene	21.27	228	54468	1.878	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	11135	0.215	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.20	276	19657	0.513	ng	# 97
35) Benzo(b)fluoranthene	22.91	252	37970	1.589	ng	# 97
36) Benzo(k)fluoranthene	22.91	252	37970	1.423	ng	96
37) Benzo(a)pyrene	23.54	252	31260	1.305	ng	# 96
38) Dibenzo(a,h)anthracene	26.21	278	5479	0.219	ng	# 73
39) Benzo(g,h,i)perylene	26.99	276	24238	0.943	ng	99

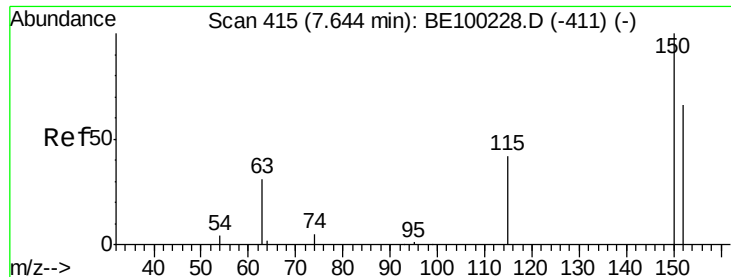
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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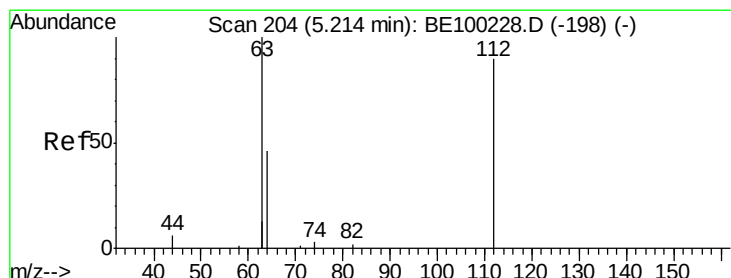
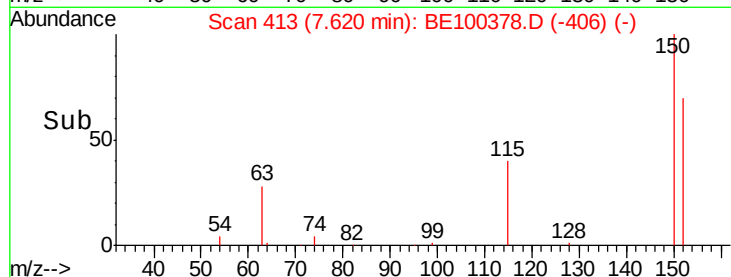
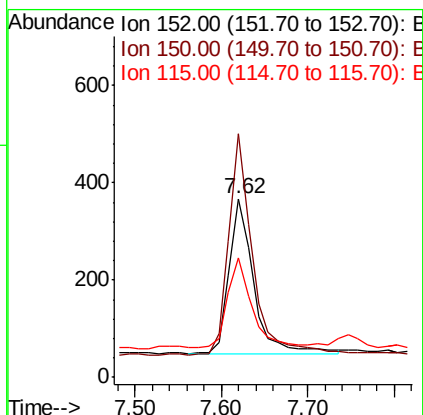
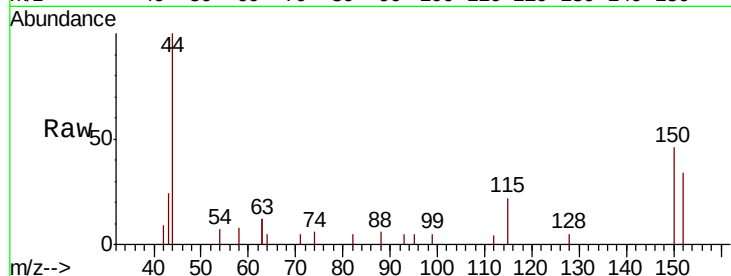


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW133-062419

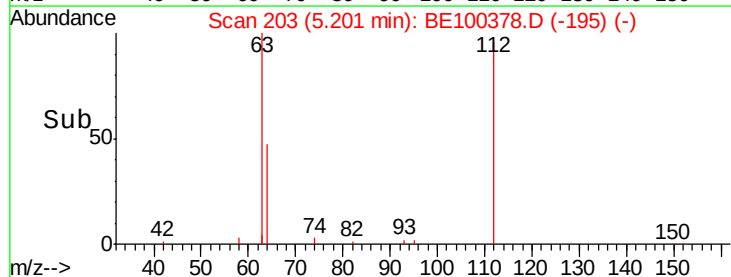
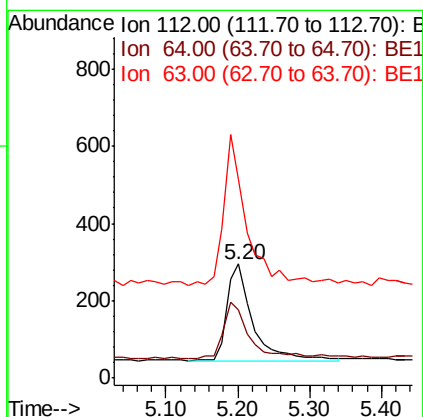
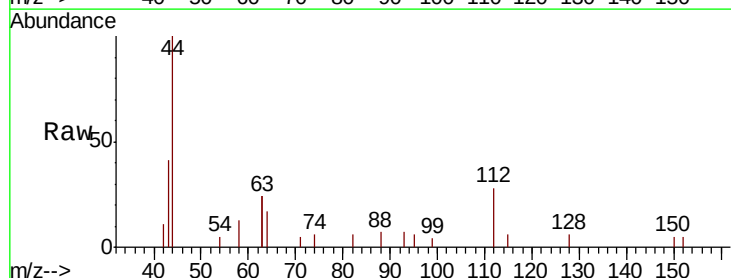
Tgt Ion:152 Resp: 630
Ion Ratio Lower Upper
152 100
150 136.1 114.5 171.7
115 66.6 57.1 85.7

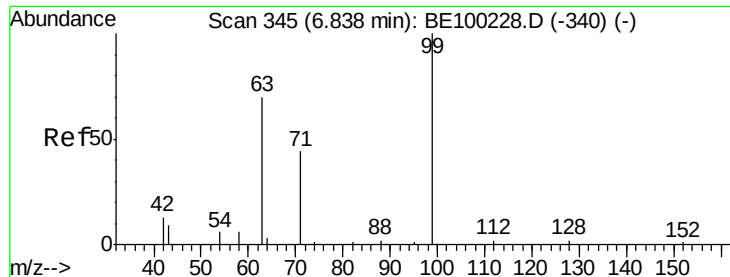


#4

2-Fluorophenol
Concen: 0.389 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:112 Resp: 625
Ion Ratio Lower Upper
112 100
64 61.8 39.4 59.0#
63 139.4 104.5 156.7





#5

Phenol-d6

Concen: 0.363 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

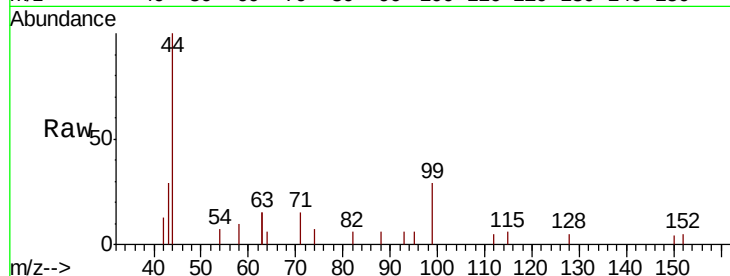
Tgt Ion: 99 Resp: 767

Ion Ratio Lower Upper

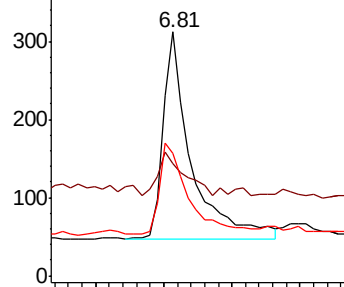
99 100

42 19.0 11.2 16.8#

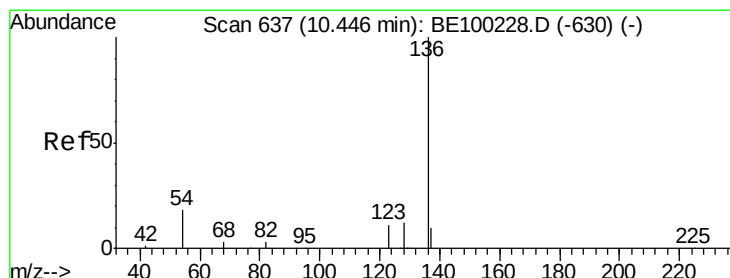
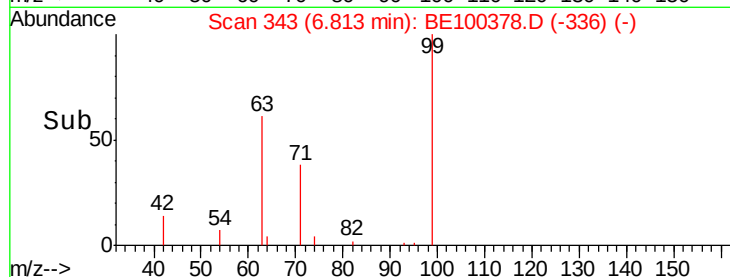
71 45.4 37.2 55.8



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



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Tgt Ion: 136 Resp: 1964

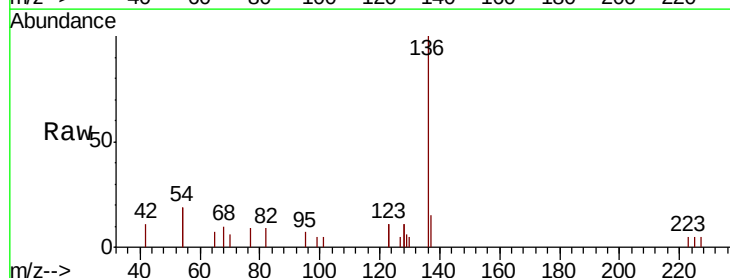
Ion Ratio Lower Upper

136 100

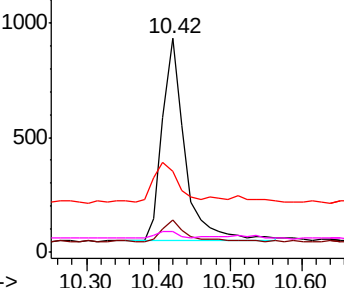
137 15.2 11.8 17.8

54 37.5 27.7 41.5

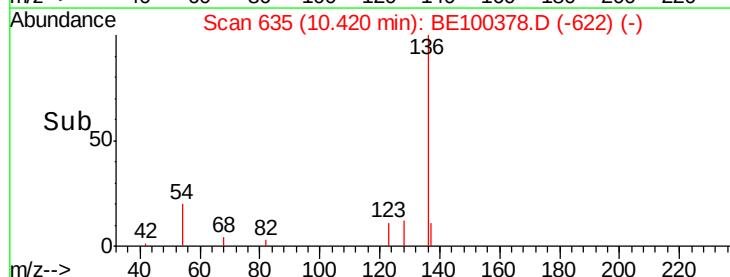
68 9.8 6.8 10.2

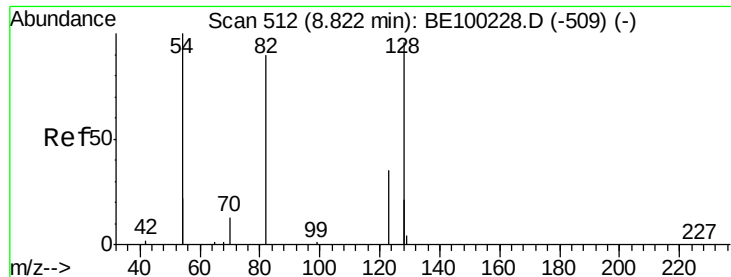


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE1
Ion 68.00 (67.70 to 68.70): BE1



Time-->





#8

Nitrobenzene-d5

Concen: 0.282 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

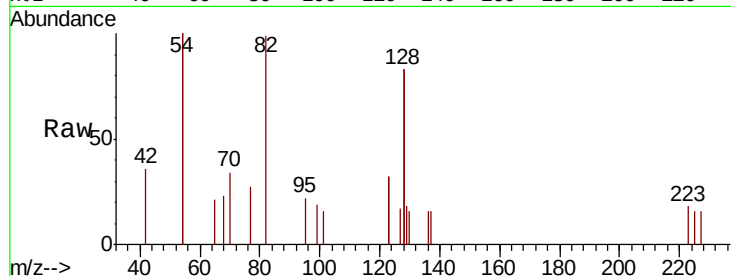
Tgt Ion: 82 Resp: 550

Ion Ratio Lower Upper

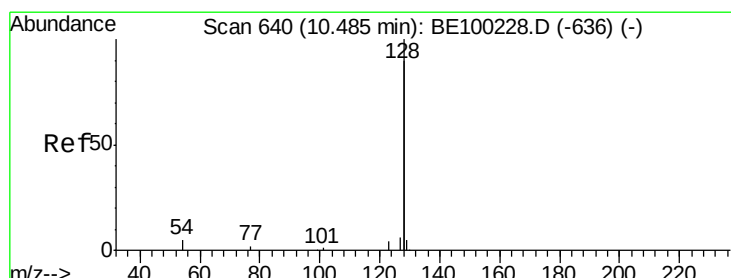
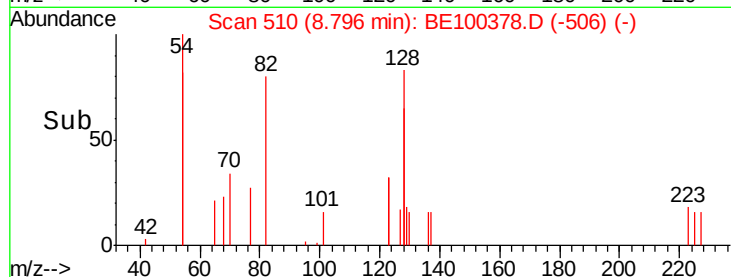
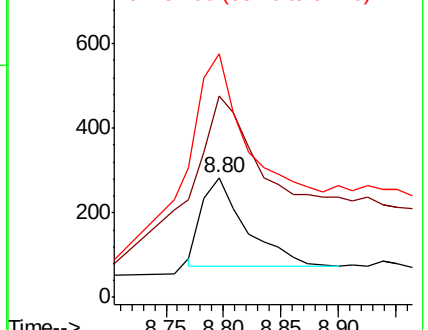
82 100

128 167.6 140.9 211.3

54 202.8 146.2 219.2



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: 0.098 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

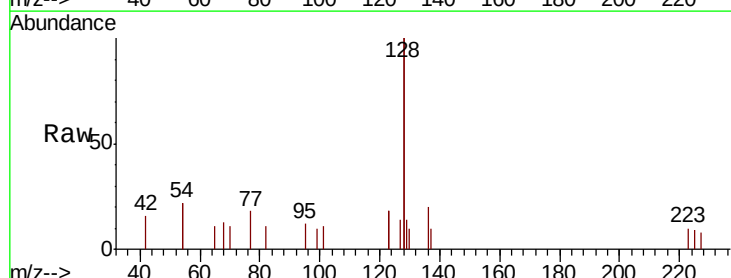
Tgt Ion: 128 Resp: 2133

Ion Ratio Lower Upper

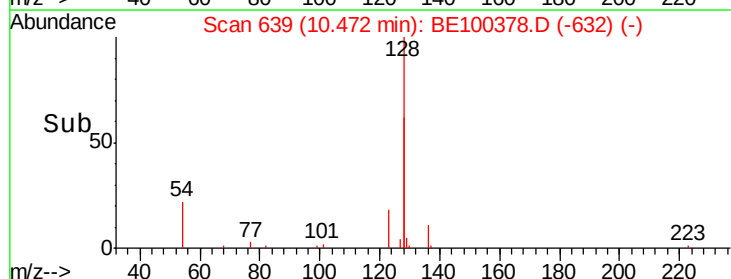
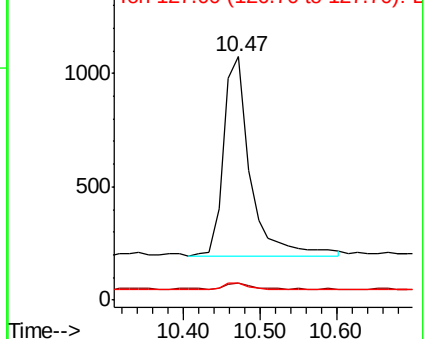
128 100

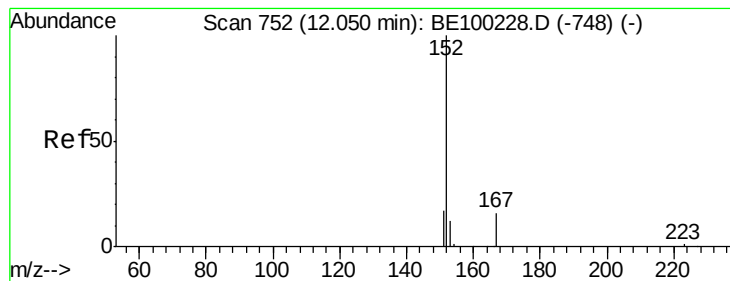
129 7.0 3.0 4.6#

127 6.8 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: 0.371 ng

RT: 12.02 min Scan# 750

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

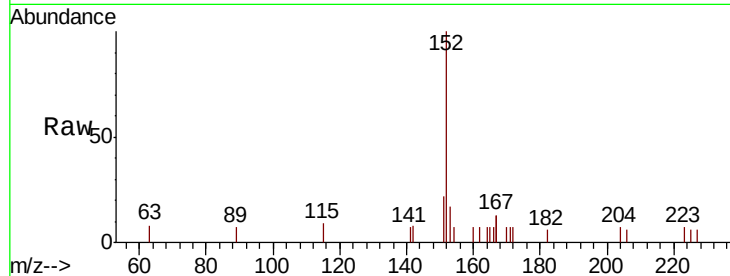
EXT-009-SW133-062419

Tgt Ion:152 Resp: 1370

Ion Ratio Lower Upper

152 100

151 18.5 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

800

600

400

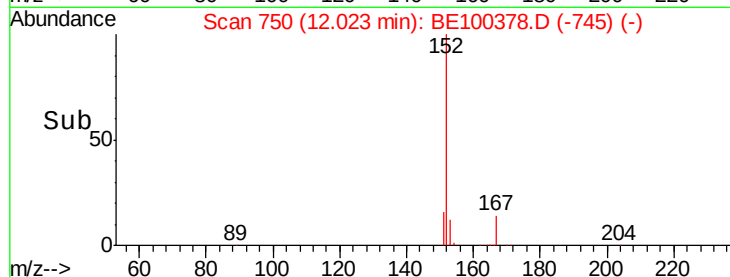
200

0

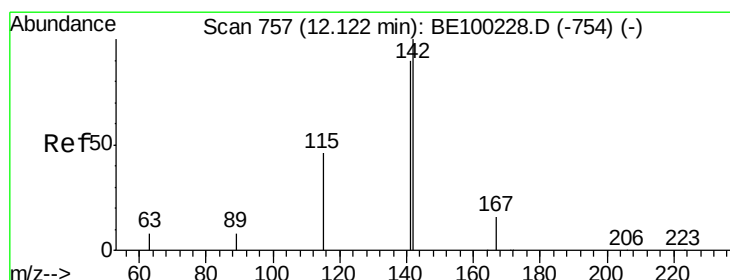
12.02

12.00

12.20



Time-->



#12

2-Methylnaphthalene

Concen: 0.122 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

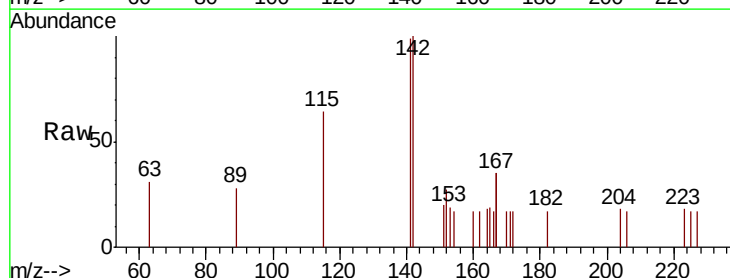
Tgt Ion:142 Resp: 462

Ion Ratio Lower Upper

142 100

141 98.9 72.4 108.6

115 64.4 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

300

200

100

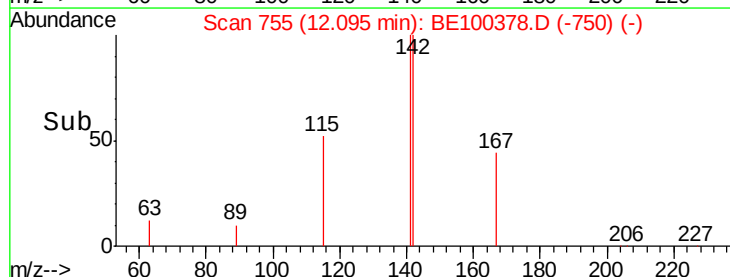
0

12.09

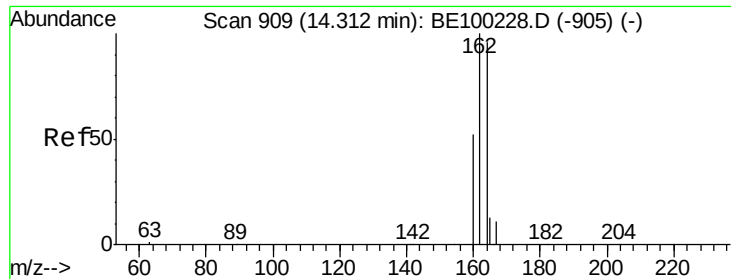
12.00

12.10

12.20



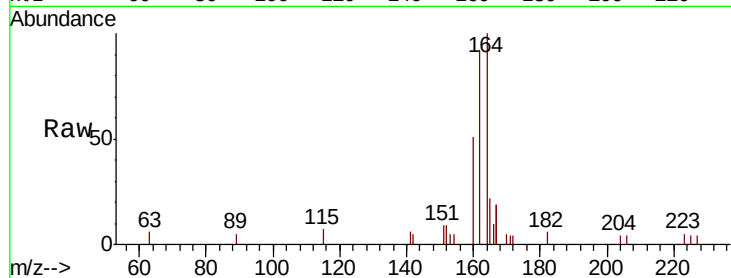
Time-->



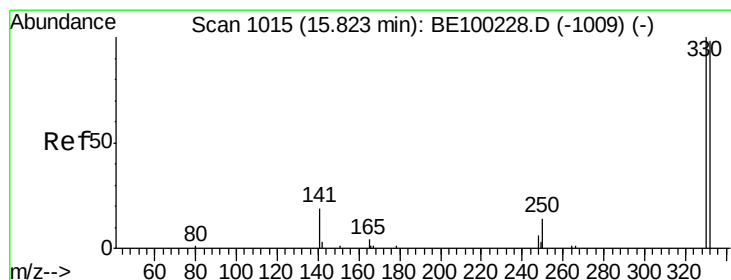
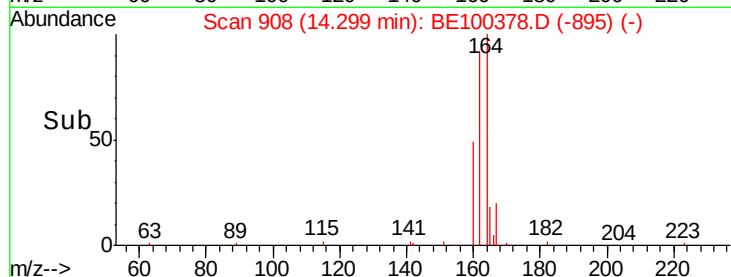
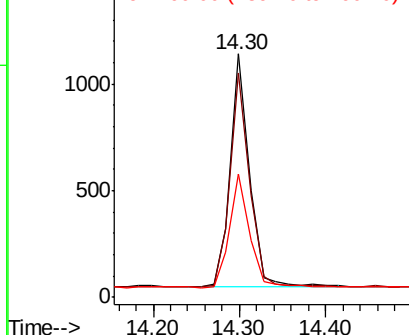
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:164 Resp: 1670
Ion Ratio Lower Upper
164 100
162 92.3 83.4 125.0
160 50.7 45.0 67.6

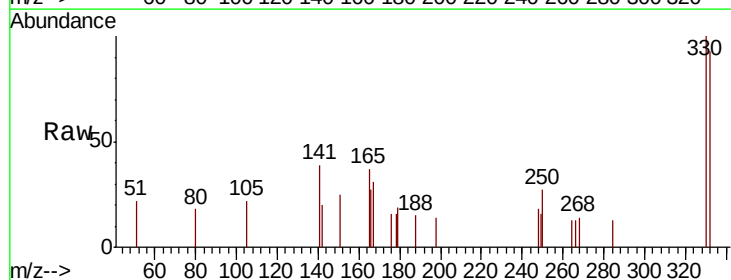


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

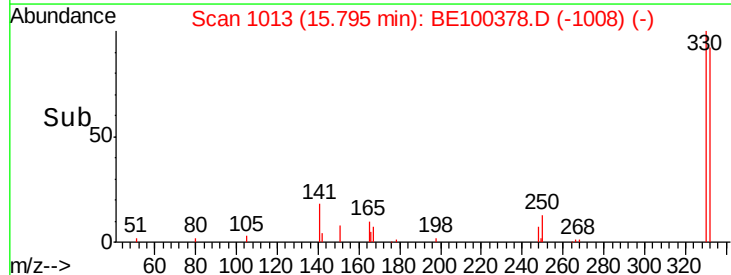
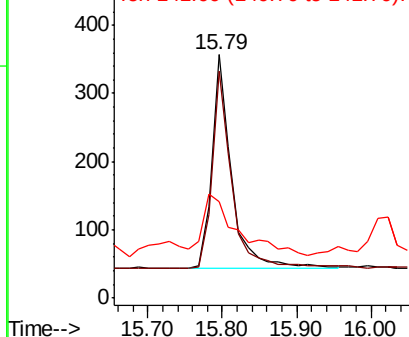


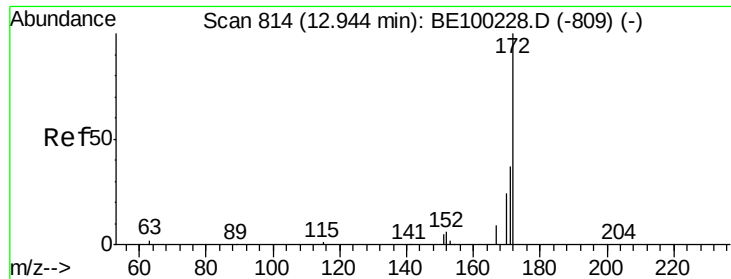
#14
2,4,6-Tribromophenol
Concen: 0.503 ng
RT: 15.79 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:330 Resp: 588
Ion Ratio Lower Upper
330 100
332 94.0 77.0 115.4
141 47.3 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

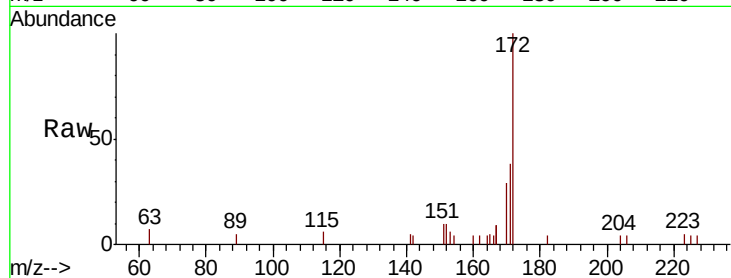




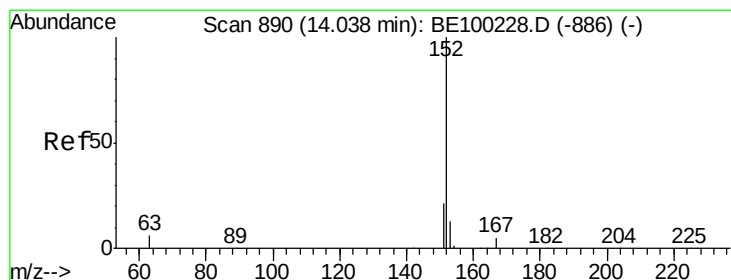
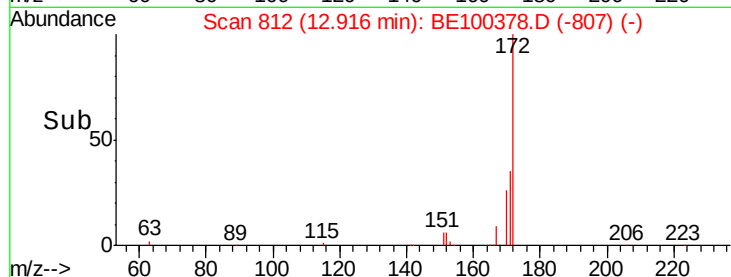
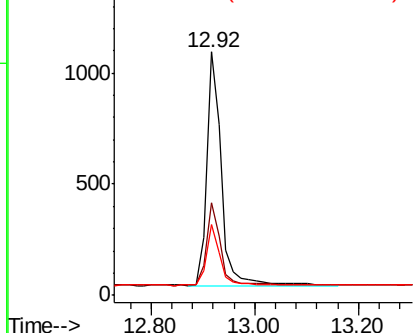
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.92 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:172 Resp: 2069
Ion Ratio Lower Upper
172 100
171 37.9 31.9 47.9
170 29.3 22.2 33.2

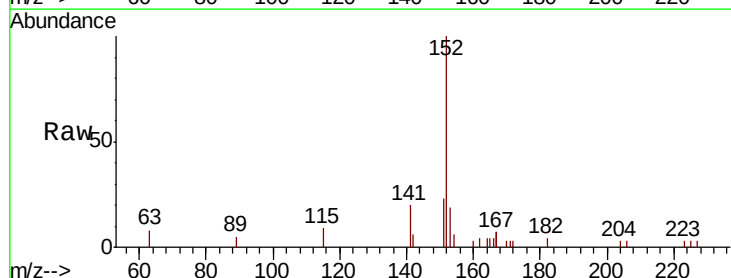


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

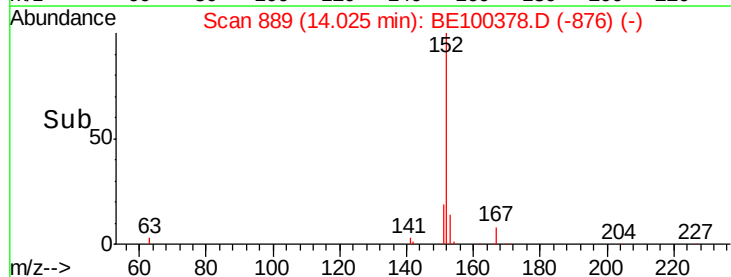
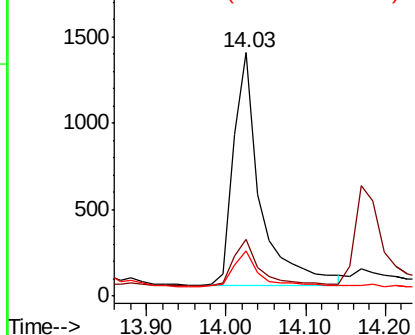


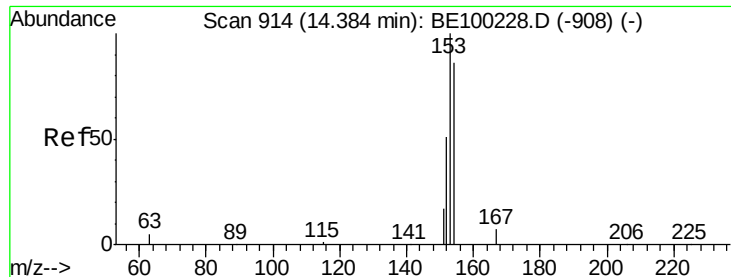
#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.03 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:152 Resp: 3160
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 15.2 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

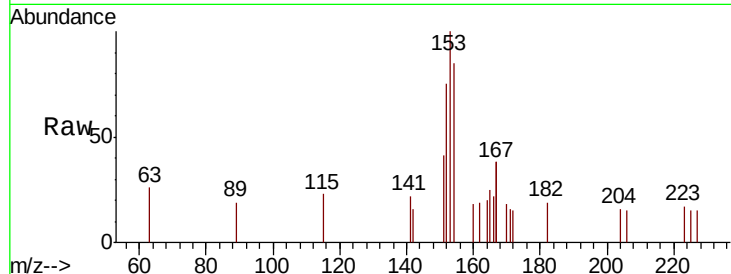




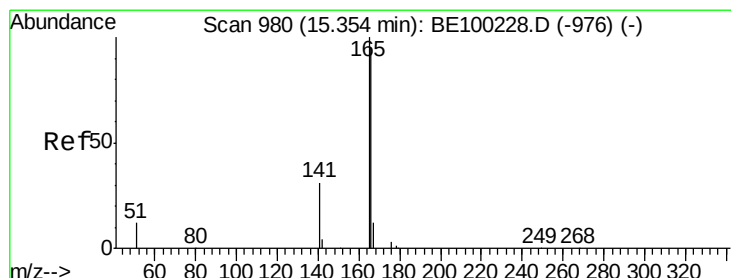
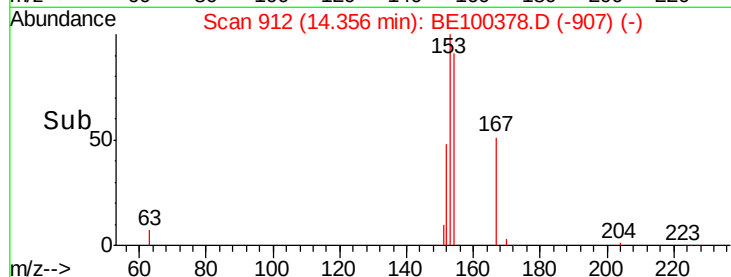
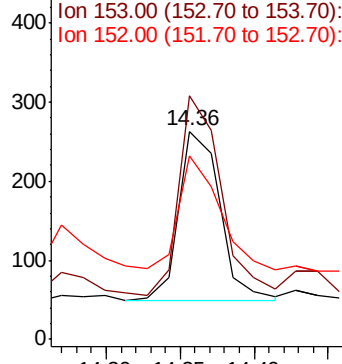
#17
Acenaphthene
Concen: 0.090 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.03 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW133-062419

Tgt Ion:154 Resp: 407
Ion Ratio Lower Upper
154 100
153 122.9 93.4 140.2
152 71.3 49.4 74.2

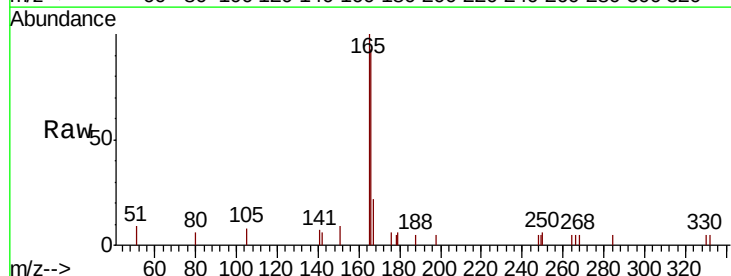


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

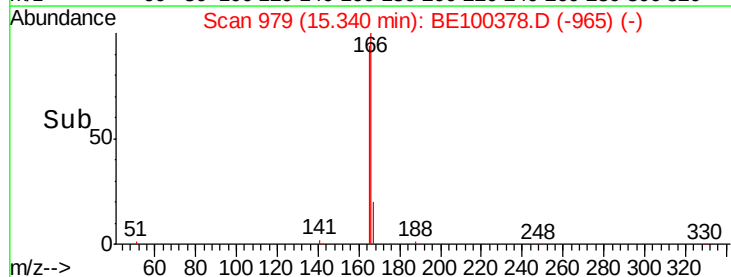
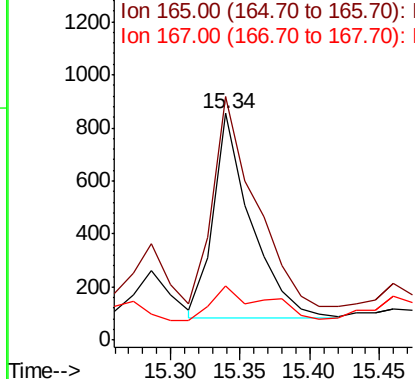


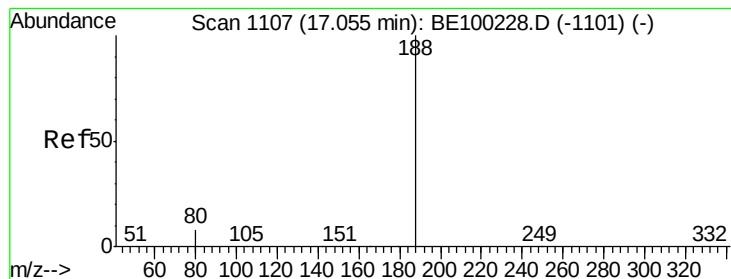
#18
Fluorene
Concen: 0.216 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100378.D
Acq: 5 Jul 2019 13:09

Tgt Ion:166 Resp: 1450
Ion Ratio Lower Upper
166 100
165 114.6 81.1 121.7
167 23.8 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: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

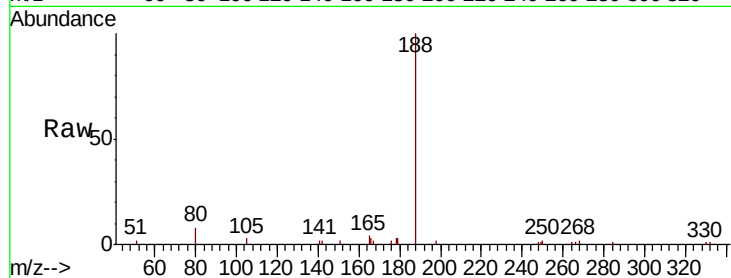
Tgt Ion:188 Resp: 5236

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

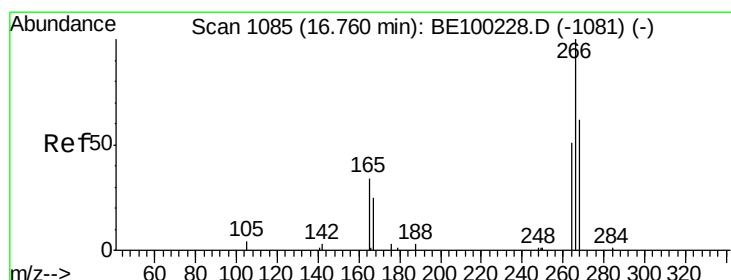
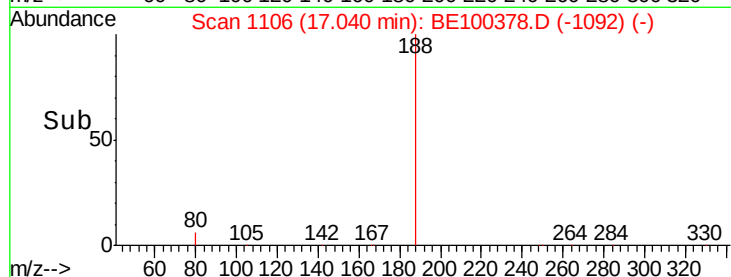
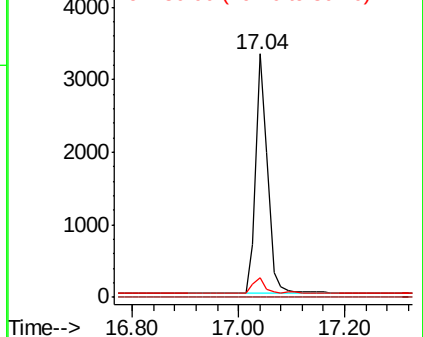
80 7.9 7.6 11.4



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



#22

Pentachlorophenol

Concen: 0.021 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

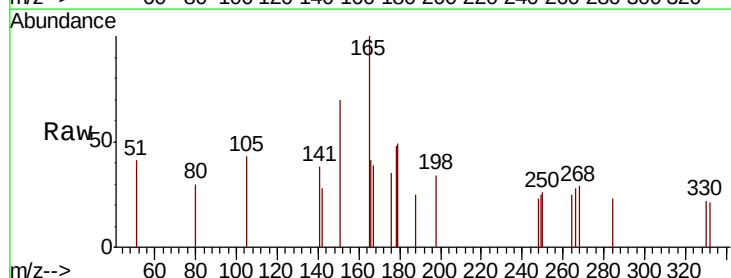
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 87.9 56.2 84.2#

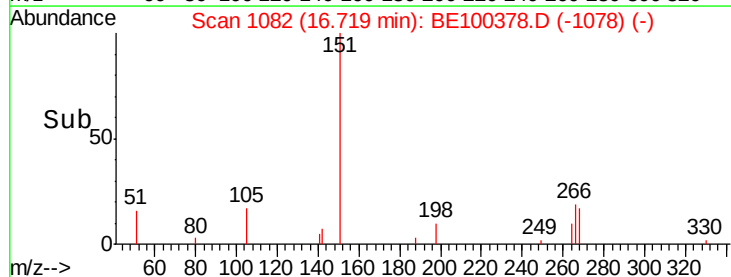
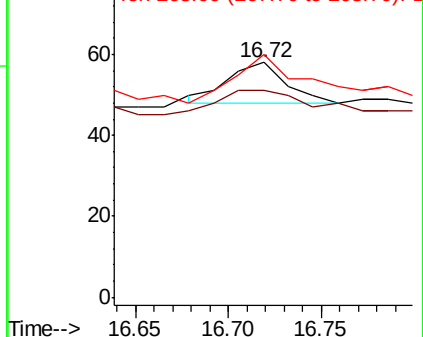
268 103.4 61.8 92.6#

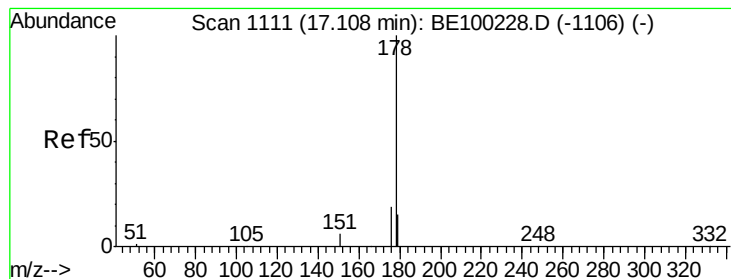


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.144 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

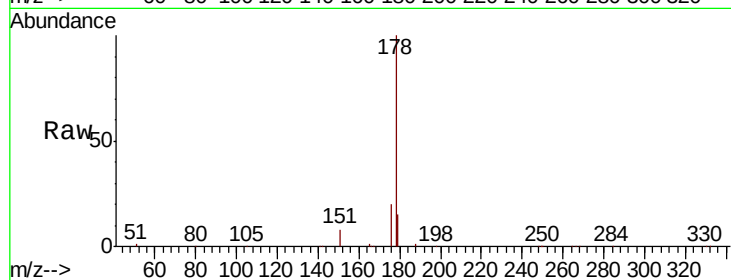
Tgt Ion:178 Resp: 39905

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

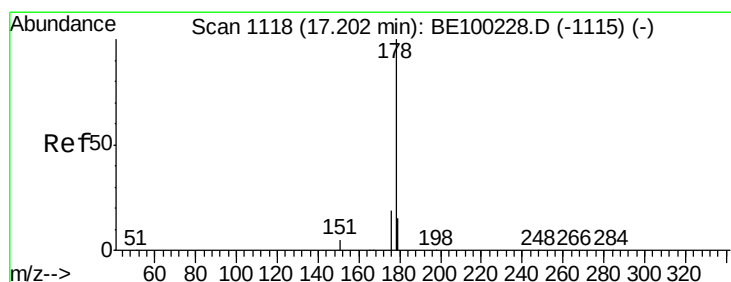
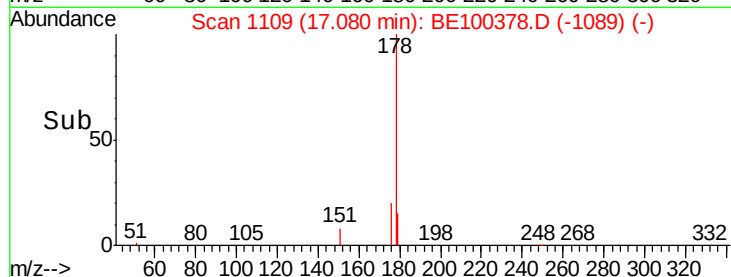
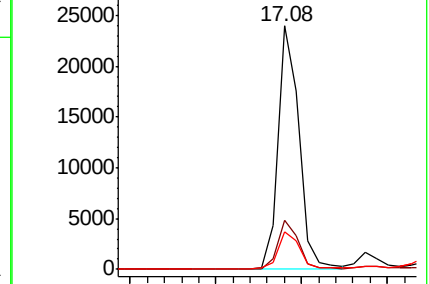
179 15.5 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.168 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

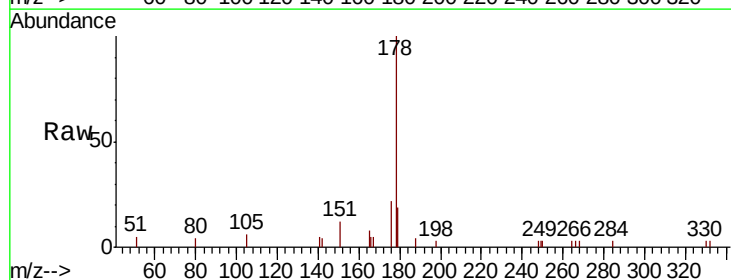
Tgt Ion:178 Resp: 1916

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

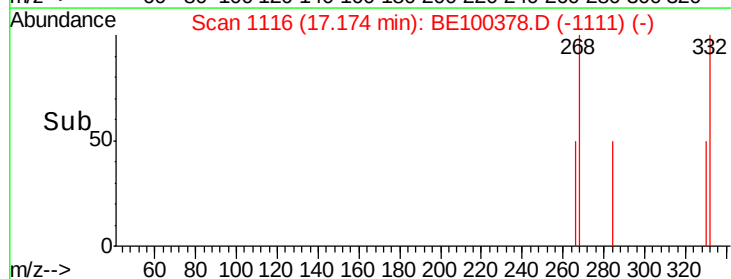
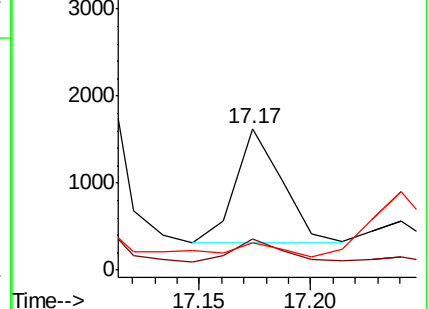
179 14.6 12.2 18.2

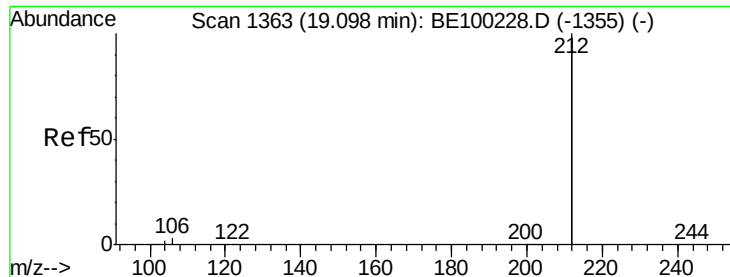


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.298 ng

RT: 19.08 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

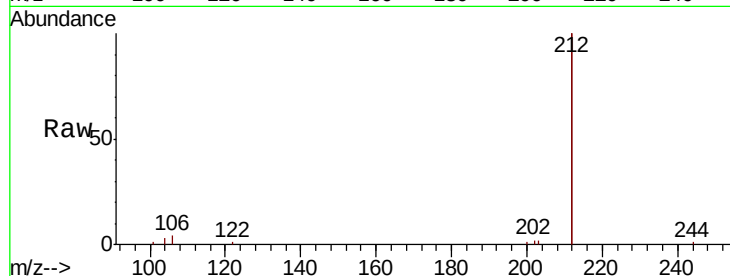
Tgt Ion: 212 Resp: 22633

Ion Ratio Lower Upper

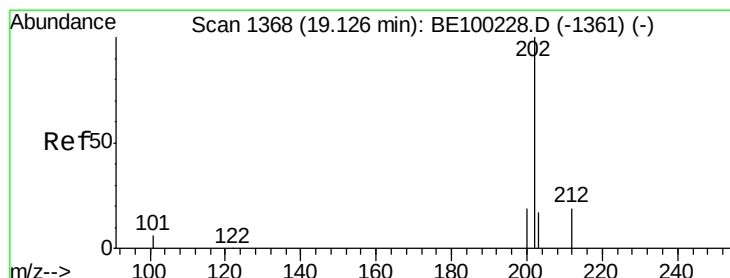
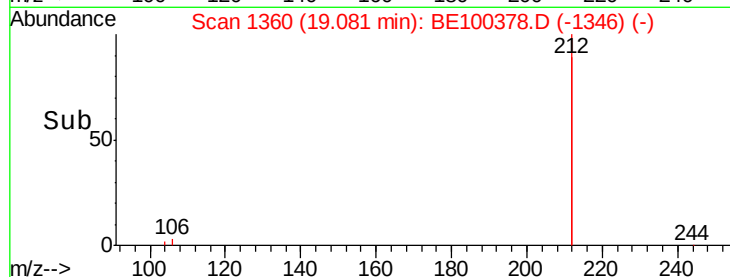
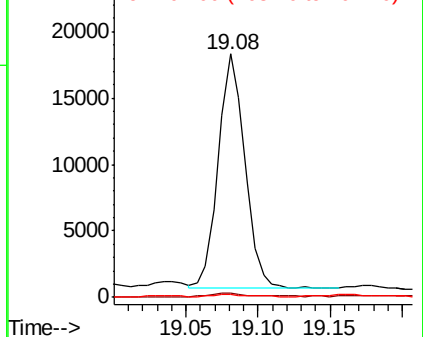
212 100

106 1.6 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: 2.670 ng

RT: 19.11 min Scan# 1365

Delta R.T. -0.02 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

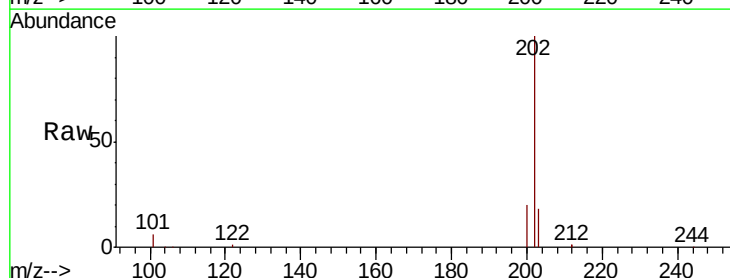
Tgt Ion: 202 Resp: 53971

Ion Ratio Lower Upper

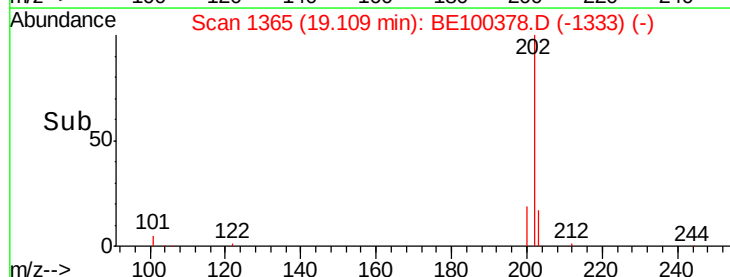
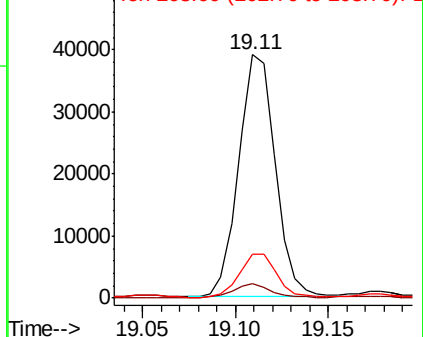
202 100

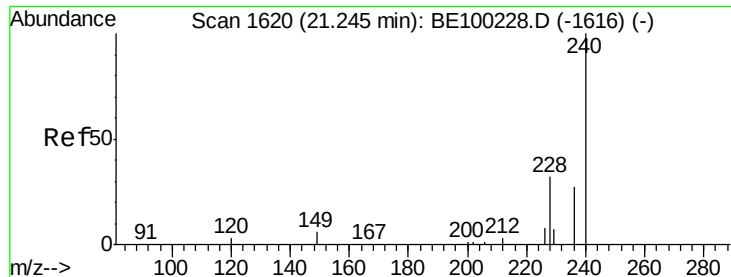
101 5.5 4.6 7.0

203 18.1 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: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

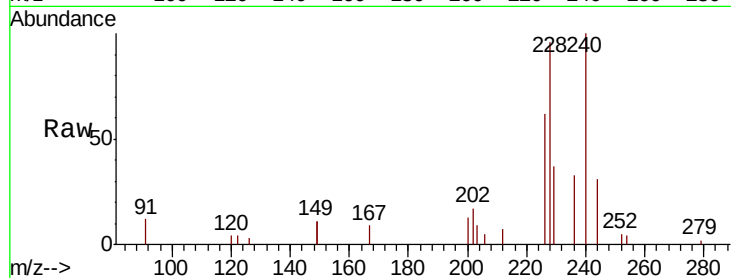
Tgt Ion:240 Resp: 8783

Ion Ratio Lower Upper

240 100

120 4.3 3.3 4.9

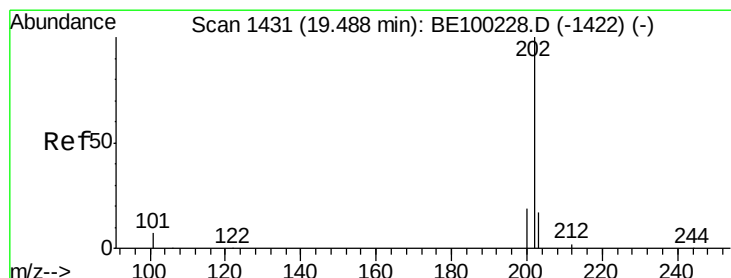
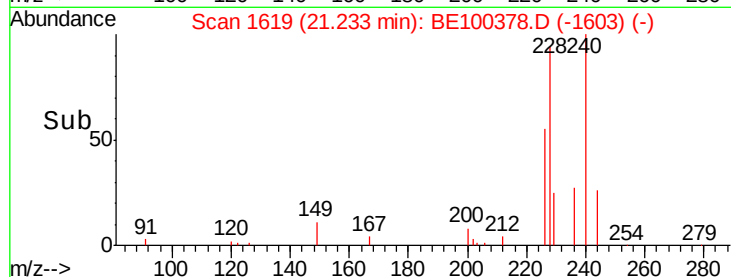
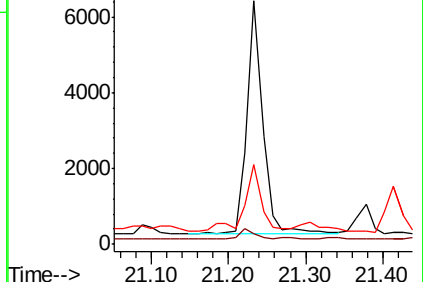
236 32.7 22.6 34.0



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: 3.771 ng

RT: 19.47 min Scan# 1428

Delta R.T. -0.02 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

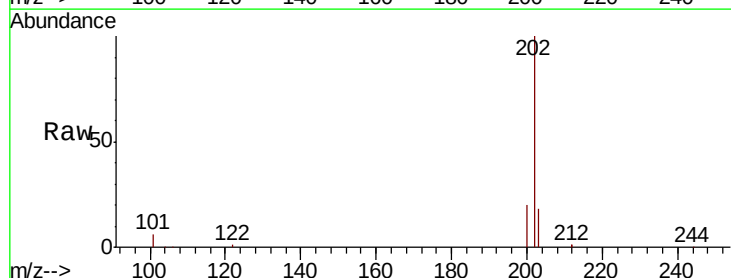
Tgt Ion:202 Resp: 87684

Ion Ratio Lower Upper

202 100

200 19.6 15.6 23.4

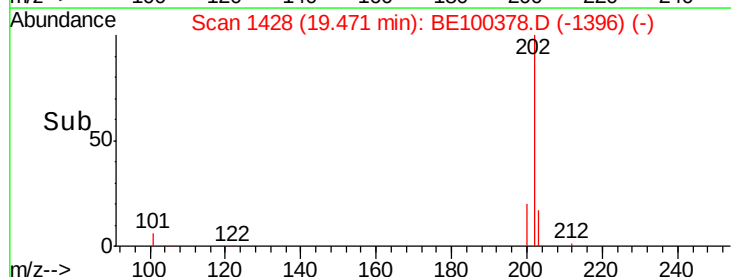
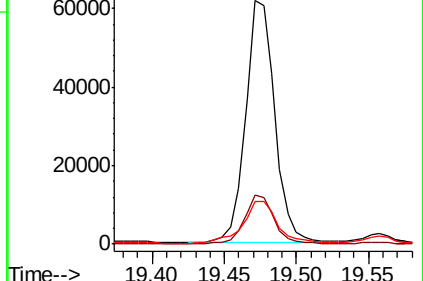
203 20.4 14.0 21.0

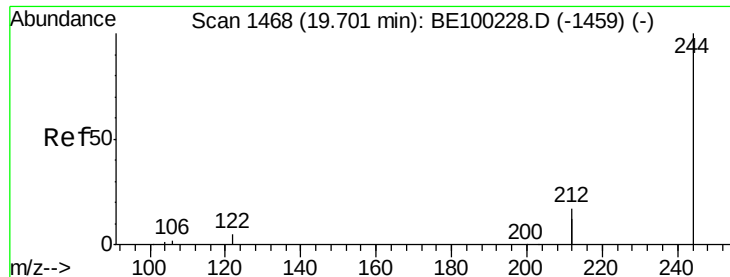


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.255 ng

RT: 19.68 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

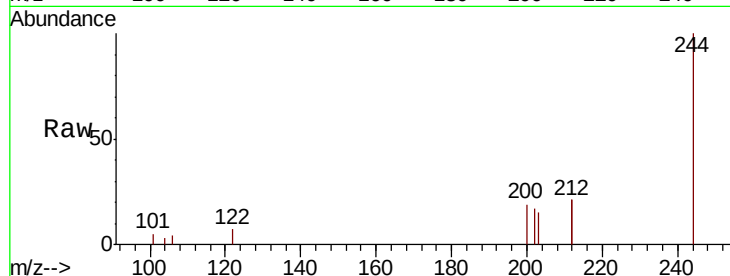
Tgt Ion:244 Resp: 4633

Ion Ratio Lower Upper

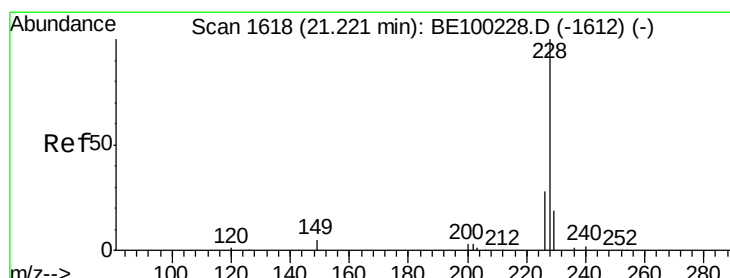
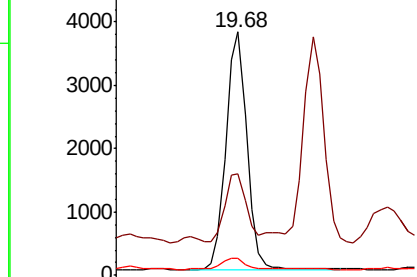
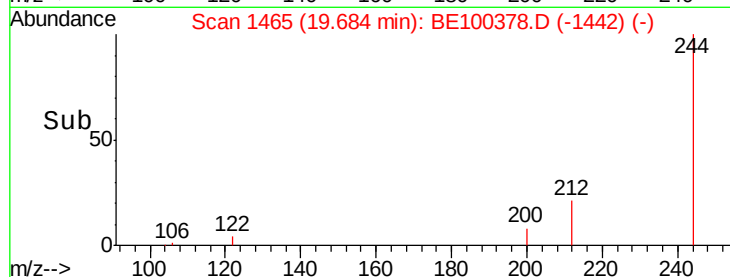
244 100

212 42.0 27.3 40.9#

122 6.8 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: 1.903 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.05 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

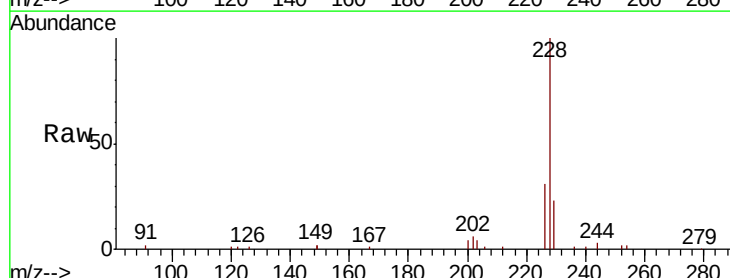
Tgt Ion:228 Resp: 54968

Ion Ratio Lower Upper

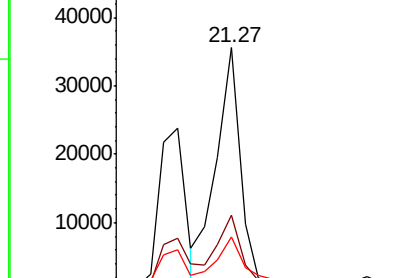
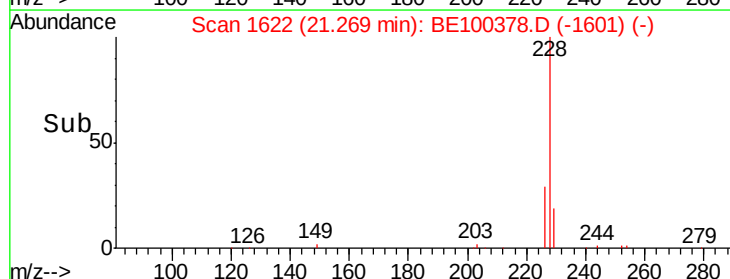
228 100

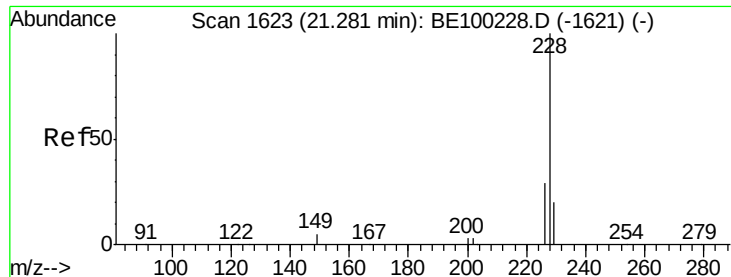
226 31.2 23.2 34.8

229 22.5 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: 1.878 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

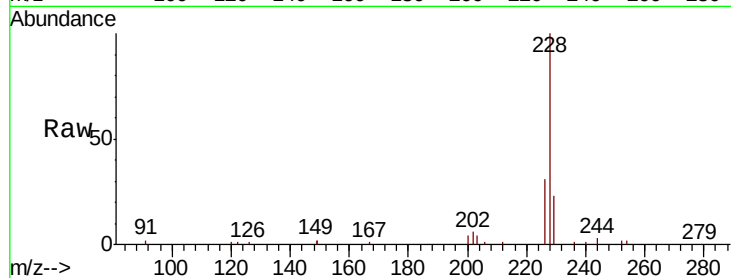
Tgt Ion: 228 Resp: 54468

Ion Ratio Lower Upper

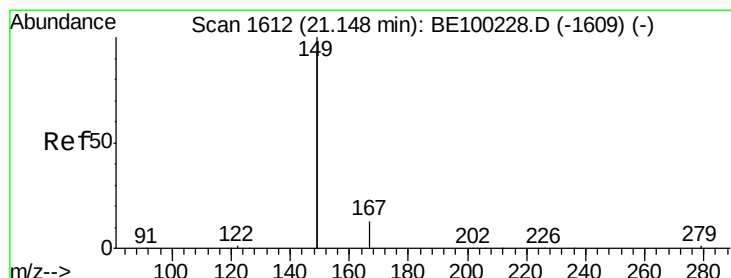
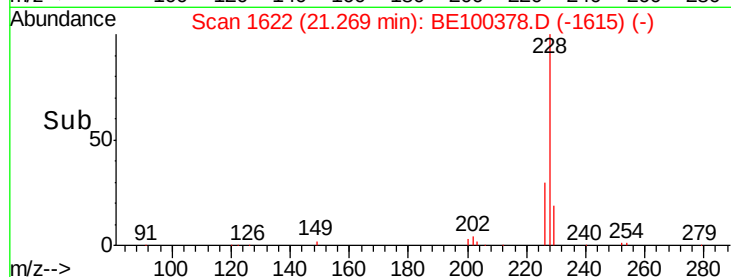
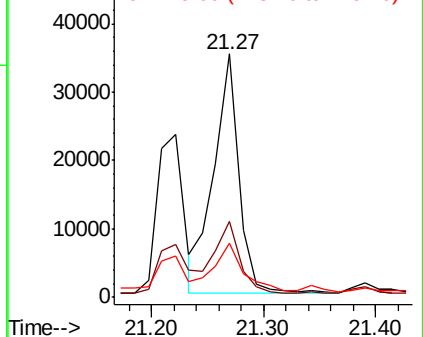
228 100

226 31.2 23.9 35.9

229 22.5 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: 0.215 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

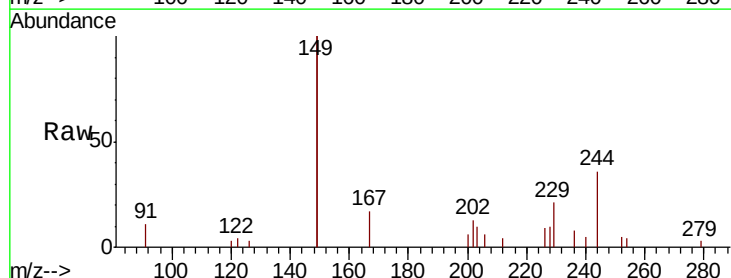
Tgt Ion: 149 Resp: 11135

Ion Ratio Lower Upper

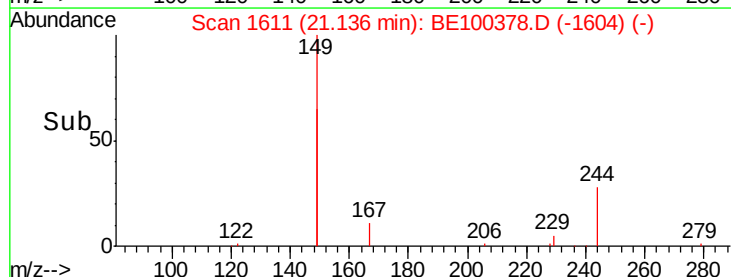
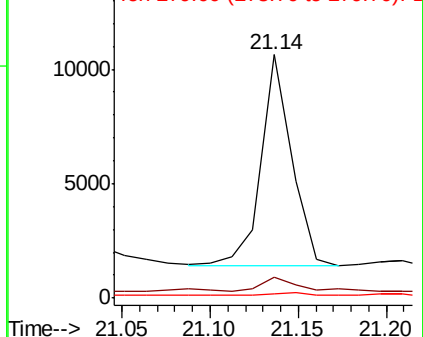
149 100

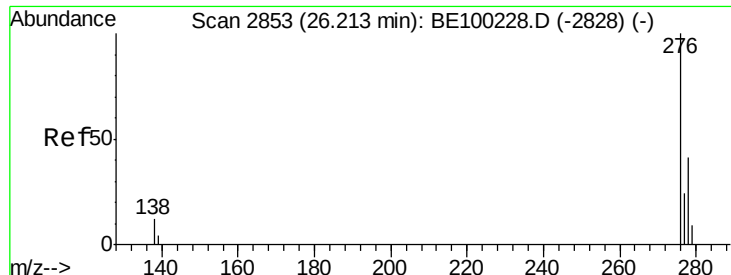
167 8.4 5.8 8.8

279 2.2 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: 0.513 ng

RT: 26.20 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

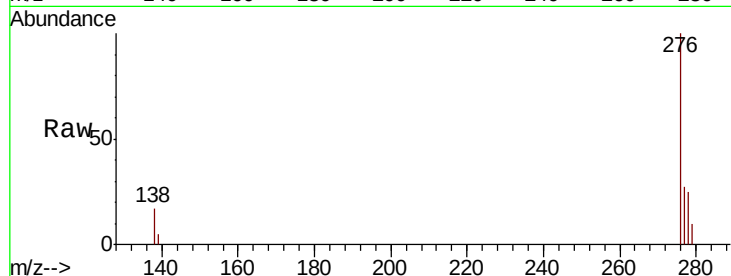
Tgt Ion:276 Resp: 19657

Ion Ratio Lower Upper

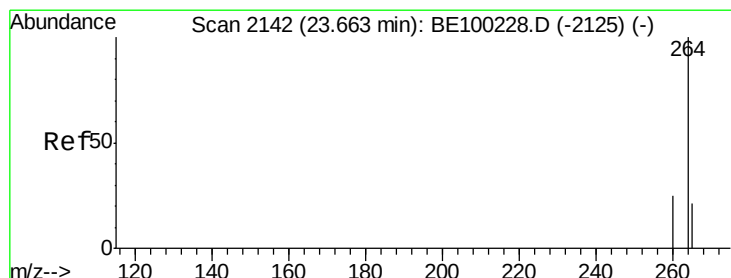
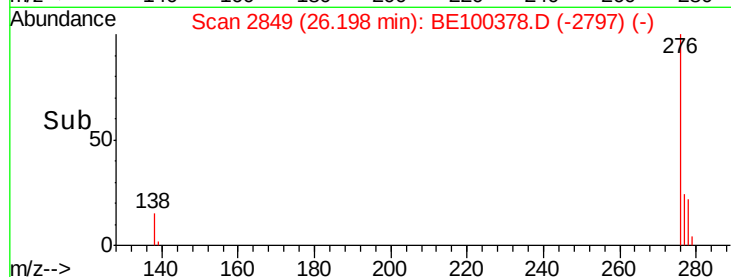
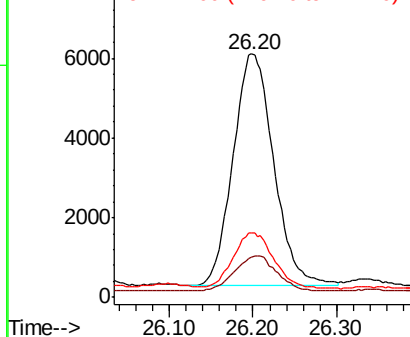
276 100

138 15.4 9.4 14.0#

277 23.8 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# 2139

Delta R.T. -0.01 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

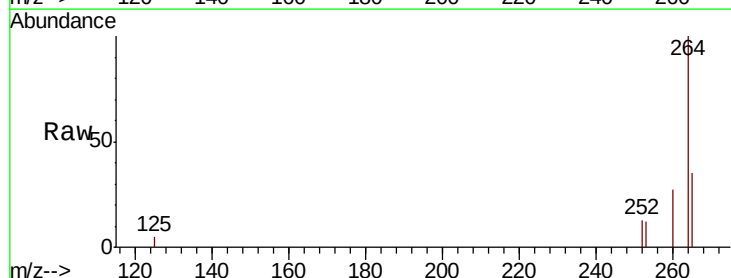
Tgt Ion:264 Resp: 8816

Ion Ratio Lower Upper

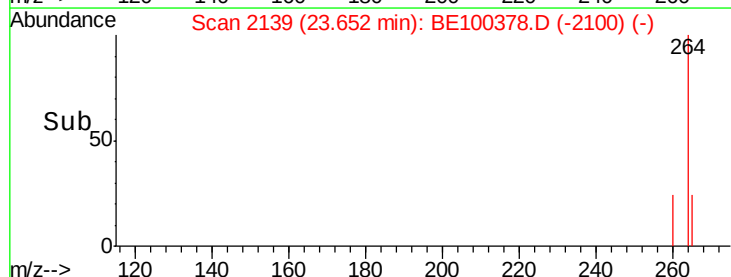
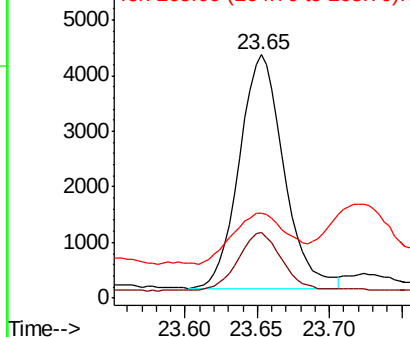
264 100

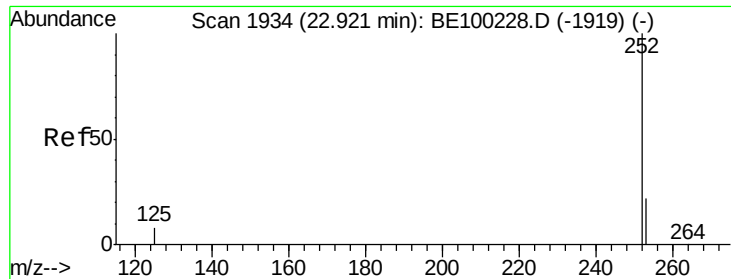
260 27.1 20.8 31.2

265 34.7 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: 1.589 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

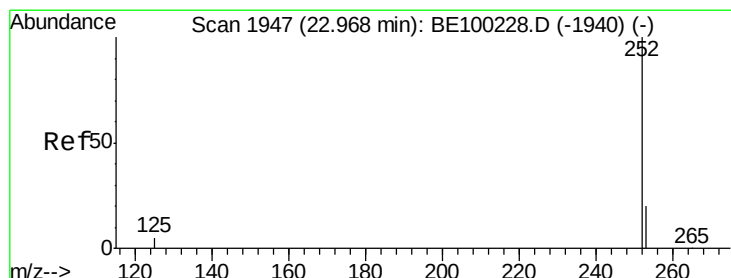
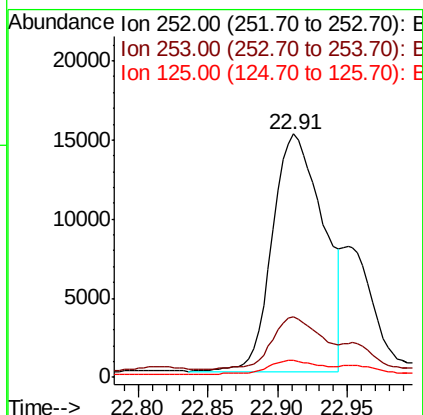
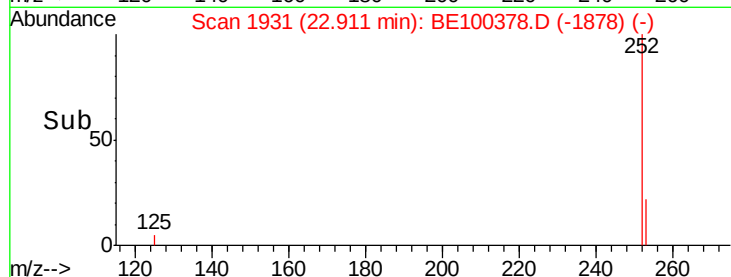
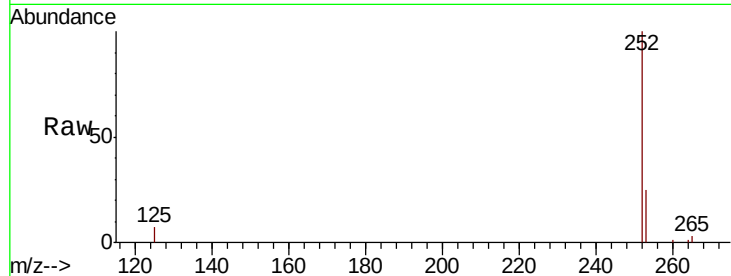
Tgt Ion:252 Resp: 37970

Ion Ratio Lower Upper

252 100

253 24.7 19.2 28.8

125 6.8 7.4 11.0#



#36

Benzo(k)fluoranthene

Concen: 1.423 ng

RT: 22.91 min Scan# 1931

Delta R.T. -0.06 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

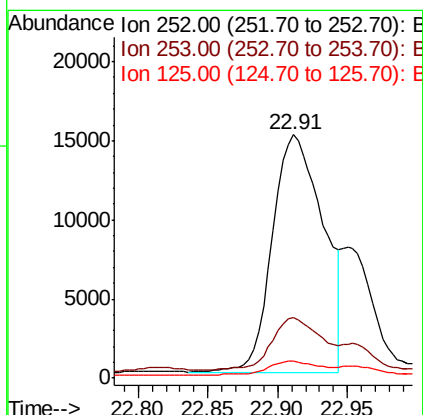
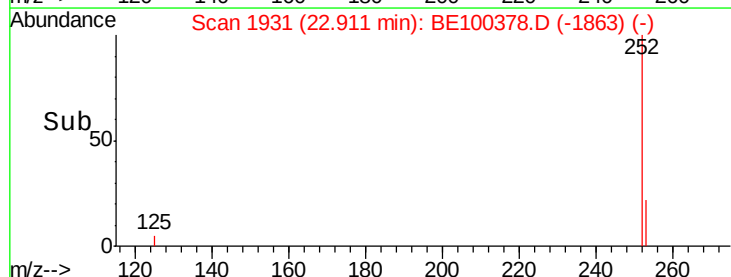
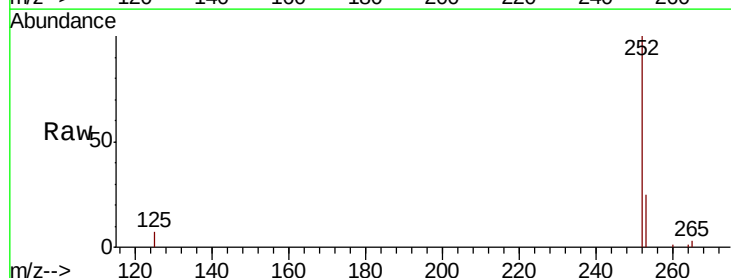
Tgt Ion:252 Resp: 37970

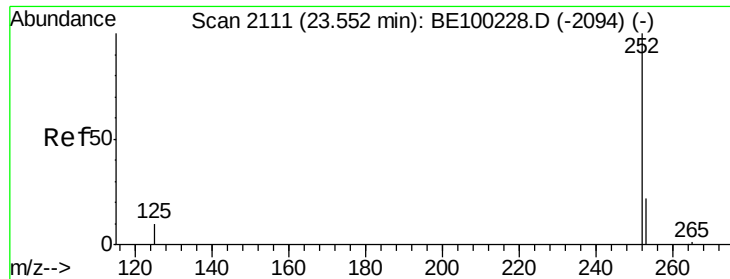
Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

125 6.8 5.0 7.4





#37

Benzo(a)pyrene

Concen: 1.305 ng

RT: 23.54 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419

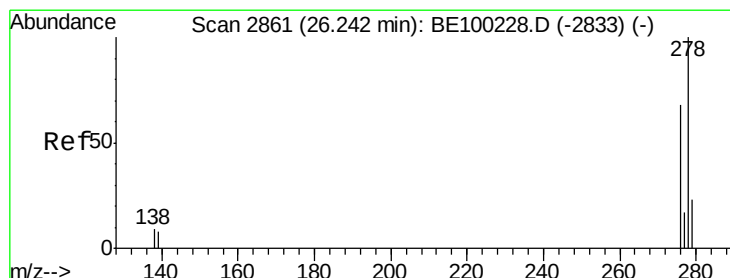
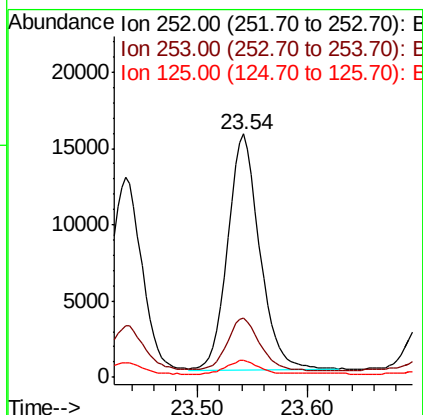
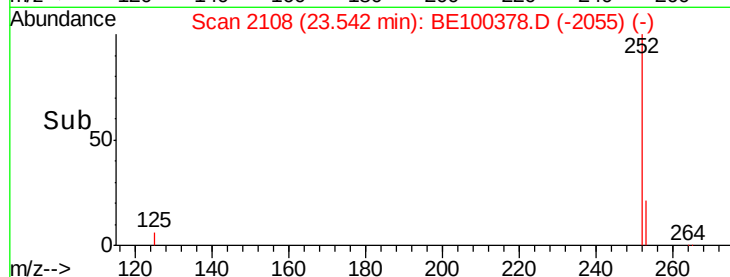
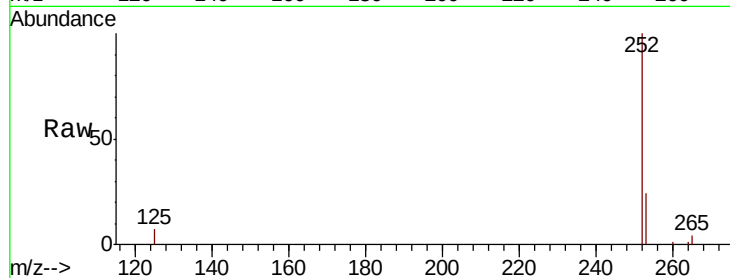
Tgt Ion: 252 Resp: 31260

Ion Ratio Lower Upper

252 100

253 24.4 19.6 29.4

125 6.9 9.0 13.6#



#38

Dibenzo(a,h)anthracene

Concen: 0.219 ng

RT: 26.21 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BE100378.D

Acq: 5 Jul 2019 13:09

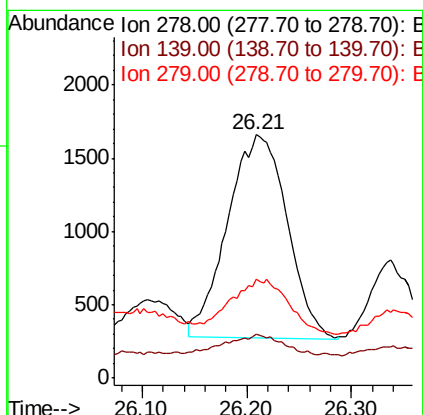
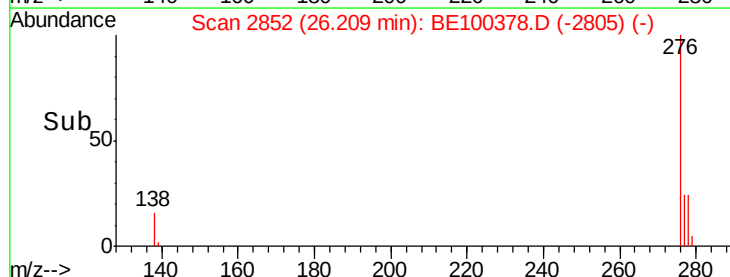
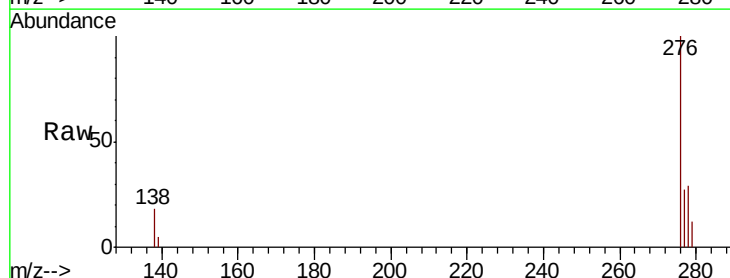
Tgt Ion: 278 Resp: 5479

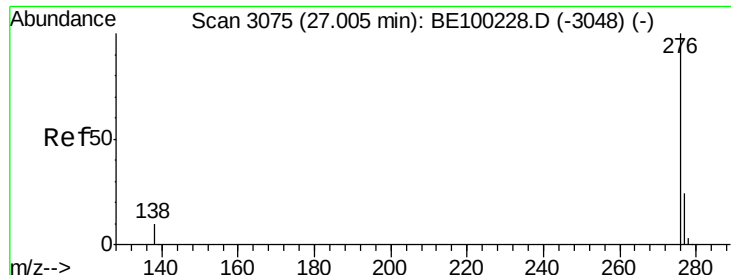
Ion Ratio Lower Upper

278 100

139 17.9 8.2 12.2#

279 40.5 20.3 30.5#





#39

Benzo(g,h,i)perylene

Concen: 0.943 ng

RT: 26.99 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BE100378.D

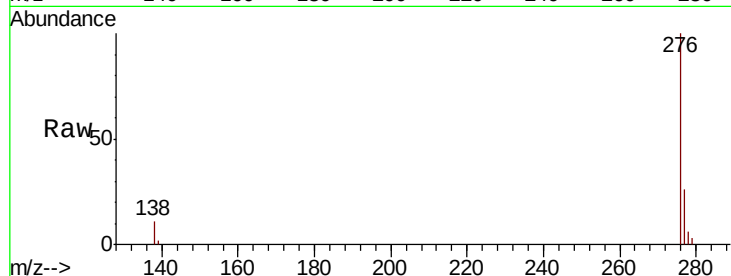
Acq: 5 Jul 2019 13:09

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW133-062419



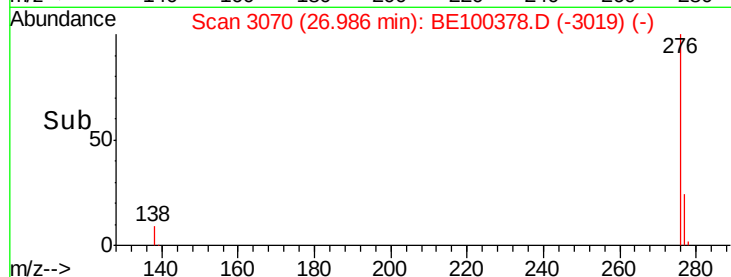
Tgt Ion: 276 Resp: 24238

Ion Ratio Lower Upper

276 100

277 25.8 20.2 30.2

138 10.9 9.0 13.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

