

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100367.D
 Acq On : 4 Jul 2019 15:16
 Operator : JU/SJ
 Sample : K3560-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-009-SW143-062419

Quant Time: Jul 05 01:15:18 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	668	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2257	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1756	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	5412	0.40	ng	0.00
27) Chrysene-d12	21.25	240	7045	0.40	ng	0.00
34) Perylene-d12	23.67	264	8520	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	459	0.27	ng	0.00
5) Phenol-d6	6.82	99	567	0.25	ng	-0.01
8) Nitrobenzene-d5	8.81	82	544	0.24	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1107	0.26	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	349	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	1713	0.25	ng	-0.01
25) Fluoranthene-d10	19.09	212	17088	0.22	ng	0.00
29) Terphenyl-d14	19.70	244	3673	0.25	ng	0.00

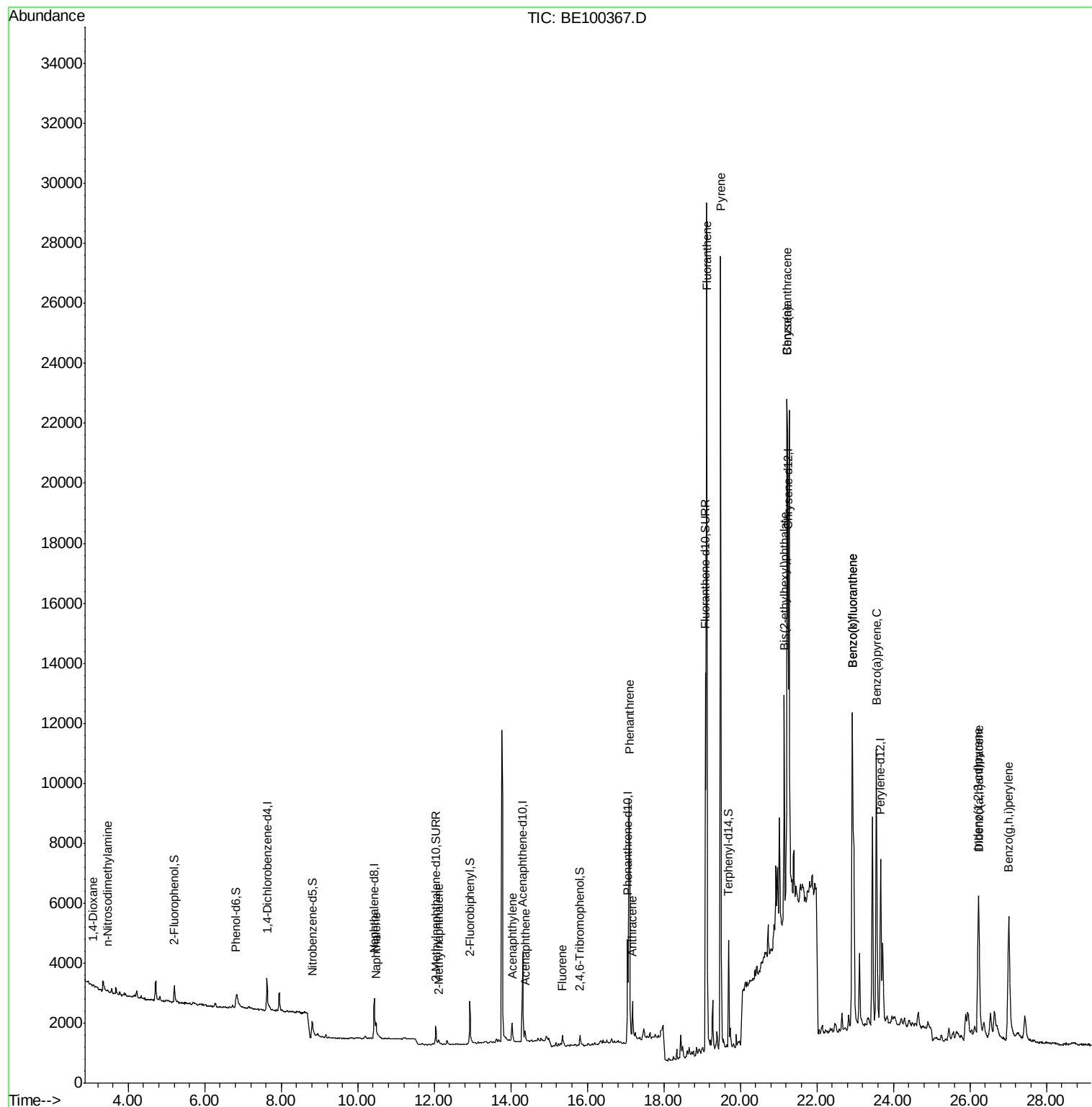
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	21	0.020	ng	# 32
3) n-Nitrosodimethylamine	3.46	42	21	0.043	ng	# 6
9) Naphthalene	10.48	128	992	0.040	ng	# 82
12) 2-Methylnaphthalene	12.11	142	153	0.035	ng	# 85
16) Acenaphthylene	14.04	152	1364	0.162	ng	# 92
17) Acenaphthene	14.37	154	181	0.038	ng	98
18) Fluorene	15.35	166	345	0.049	ng	# 76
23) Phenanthrene	17.09	178	9513	0.725	ng	99
24) Anthracene	17.19	178	1716	0.145	ng	96
26) Fluoranthene	19.12	202	27719	1.327	ng	100
28) Pyrene	19.49	202	26237	1.407	ng	96
30) Benzo(a)anthracene	21.22	228	15925	0.687	ng	93
31) Chrysene	21.22	228	11162	0.480	ng	95
32) Bis(2-ethylhexyl)phthalate	21.15	149	8687	0.208	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.22	276	10546	0.343	ng	# 94
35) Benzo(b)fluoranthene	22.93	252	20837	0.902	ng	97
36) Benzo(k)fluoranthene	22.93	252	20837	0.808	ng	# 93
37) Benzo(a)pyrene	23.56	252	14734	0.636	ng	95
38) Dibenzo(a,h)anthracene	26.23	278	2227	0.092	ng	# 52
39) Benzo(g,h,i)perylene	27.01	276	11665	0.470	ng	92

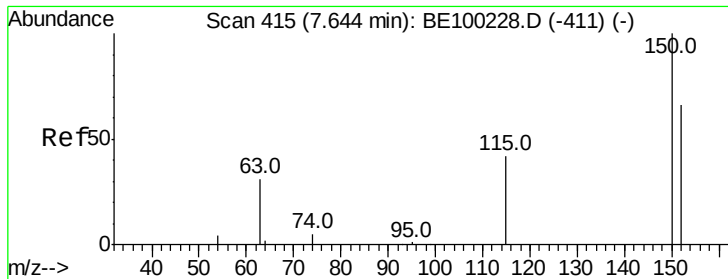
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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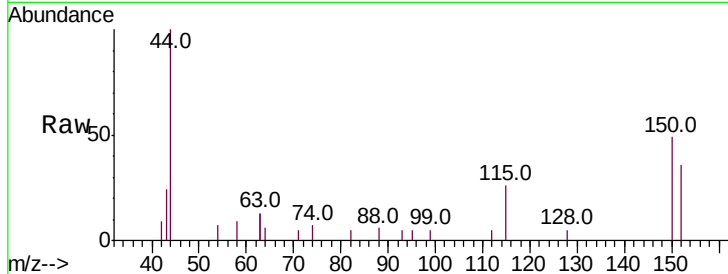


#1

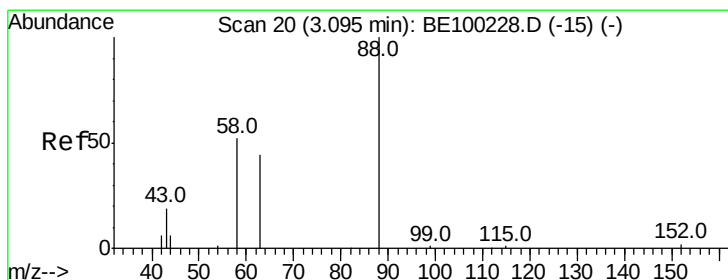
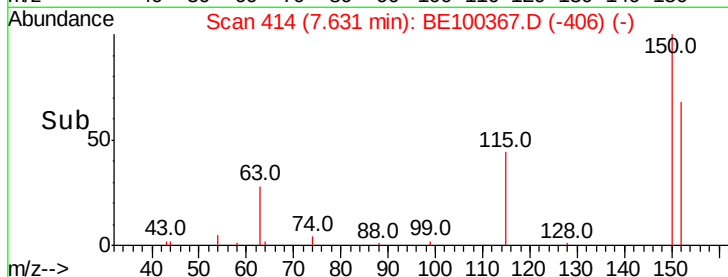
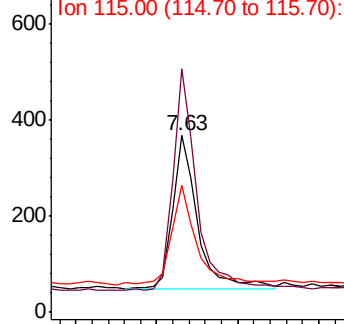
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW143-062419

Tot Ion:152 Resp: 668
Ion Ratio Lower Upper
152 100
150 137.9 114.5 171.7
115 71.9 57.1 85.7



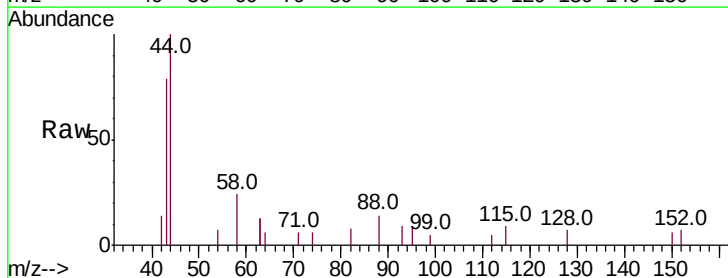
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



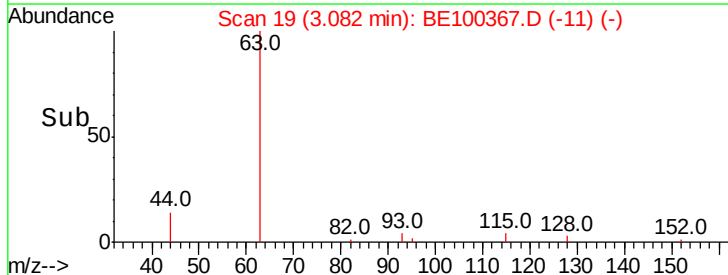
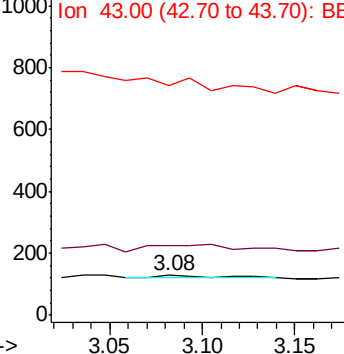
#2

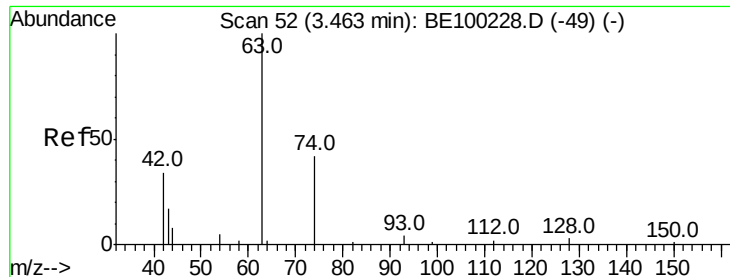
1,4-Dioxane
Concen: 0.020 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Tgt Ion: 88 Resp: 21
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: 0.043 ng

RT: 3.46 min Scan# 52

Delta R.T. -0.00 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

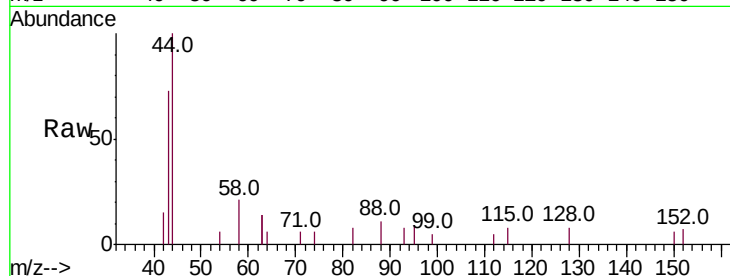
Tot Ion: 42 Resp: 21

Ion Ratio Lower Upper

42 100

74 28.6 130.6 196.0#

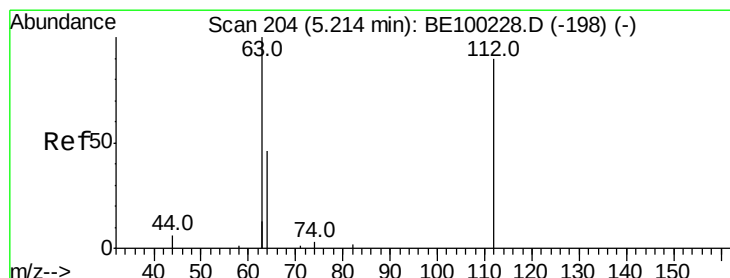
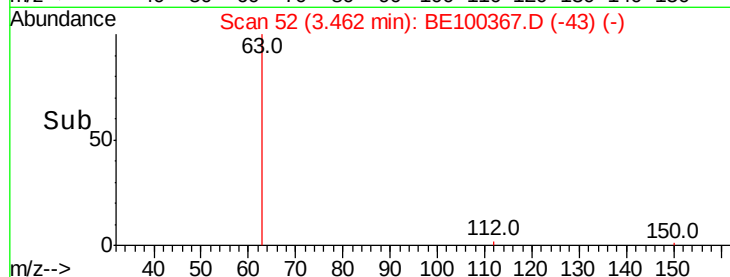
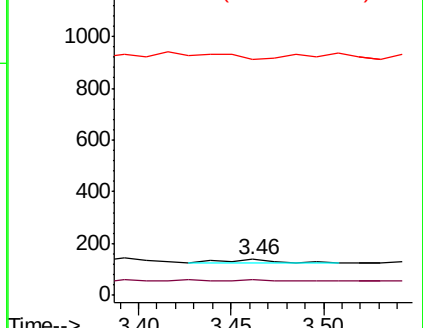
44 0.0 38.0 57.0#



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: 0.269 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

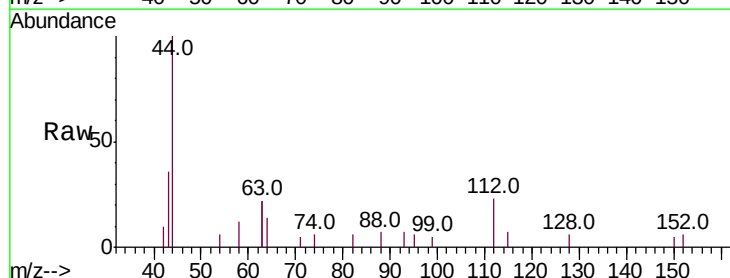
Tgt Ion: 112 Resp: 459

Ion Ratio Lower Upper

112 100

64 55.3 39.4 59.0

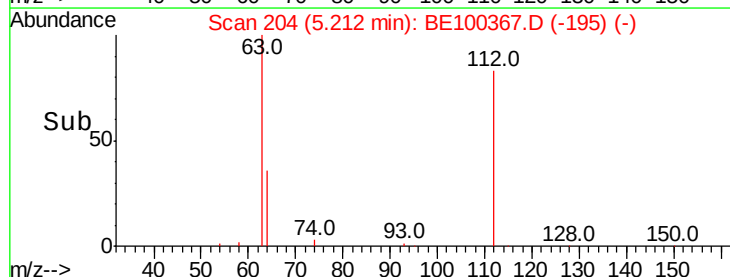
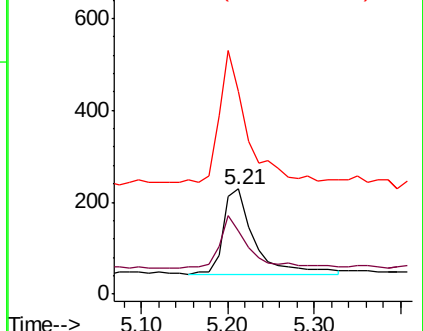
63 139.7 104.5 156.7

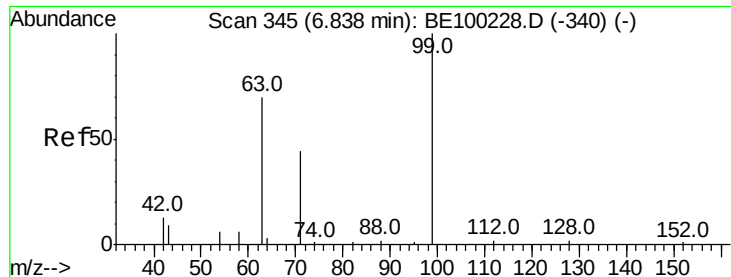


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.253 ng

RT: 6.82 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

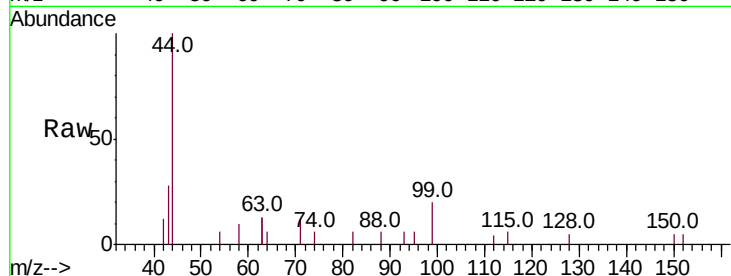
Tot Ion: 99 Resp: 567

Ion Ratio Lower Upper

99 100

42 19.0 11.2 16.8#

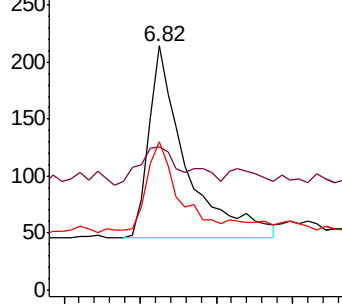
71 42.3 37.2 55.8



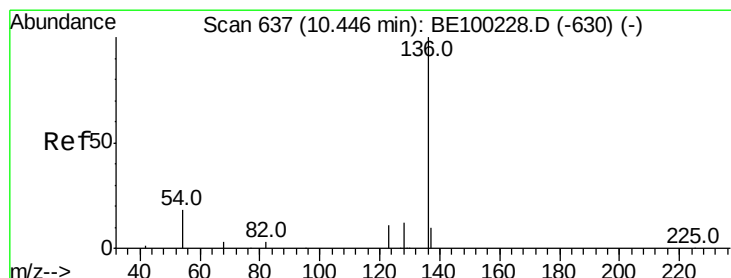
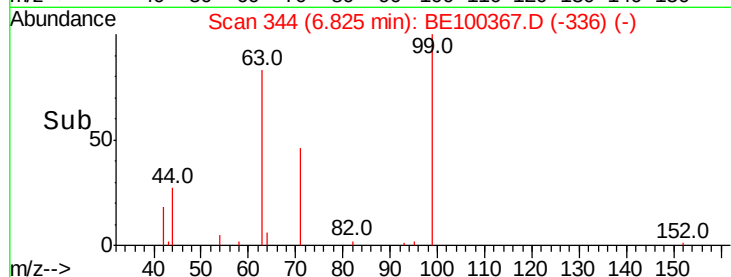
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.70 6.80 6.90 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Tgt Ion: 136 Resp: 2257

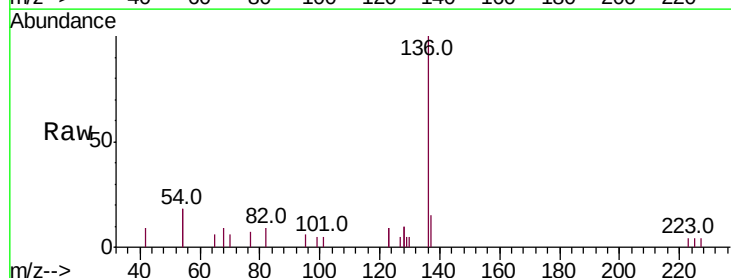
Ion Ratio Lower Upper

136 100

137 15.0 11.8 17.8

54 35.7 27.7 41.5

68 8.7 6.8 10.2

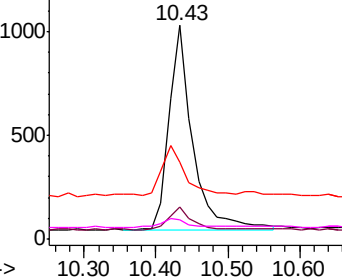


Abundance Ion 136.00 (135.70 to 136.70): BE1

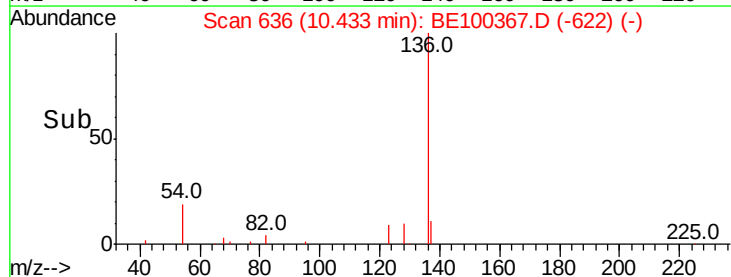
Ion 137.00 (136.70 to 137.70): BE1

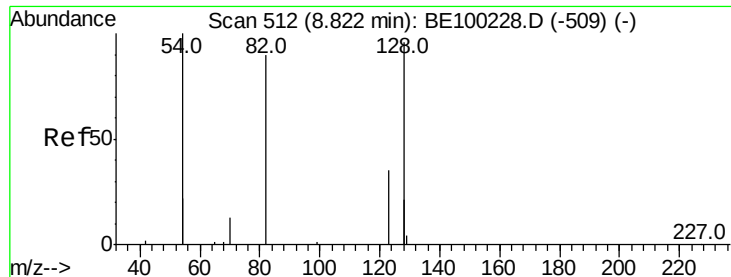
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time--> 10.30 10.40 10.50 10.60





#8

Nitrobenzene-d5

Concen: 0.243 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

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ClientSampleId :

EXT-009-SW143-062419

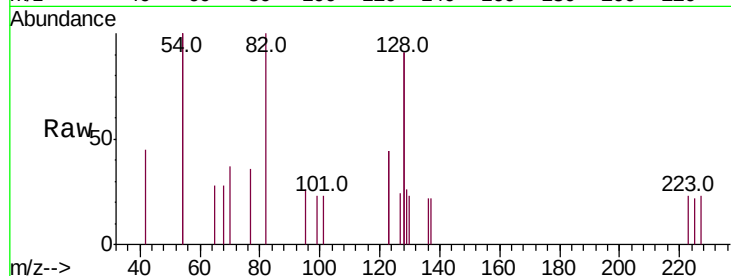
Tot Ion: 82 Resp: 544

Ion Ratio Lower Upper

82 100

128 182.6 140.9 211.3

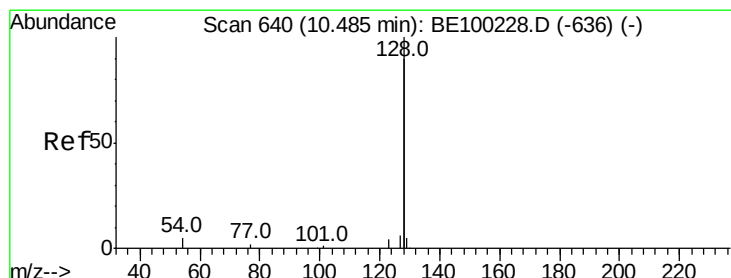
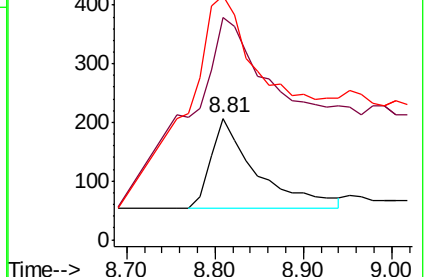
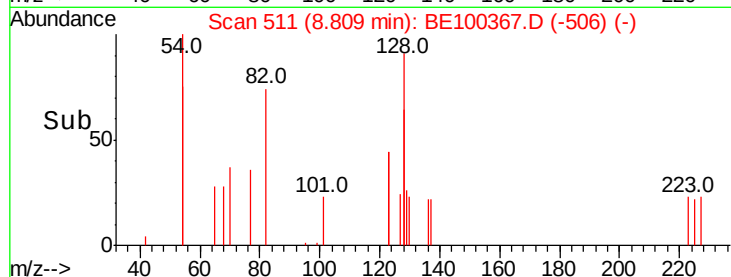
54 201.0 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.040 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

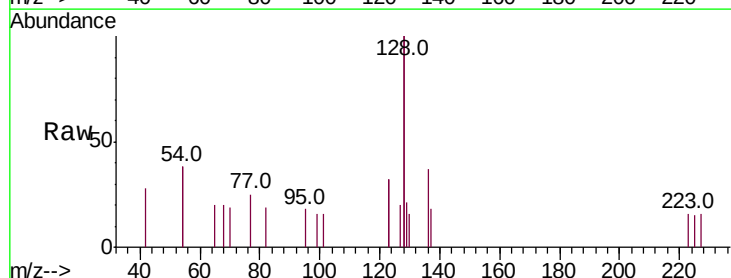
Tgt Ion: 128 Resp: 992

Ion Ratio Lower Upper

128 100

129 10.3 3.0 4.6#

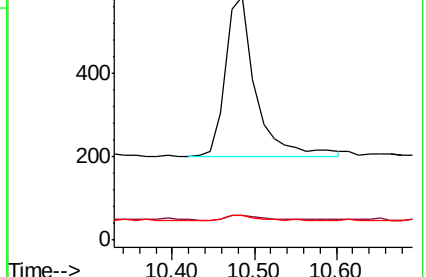
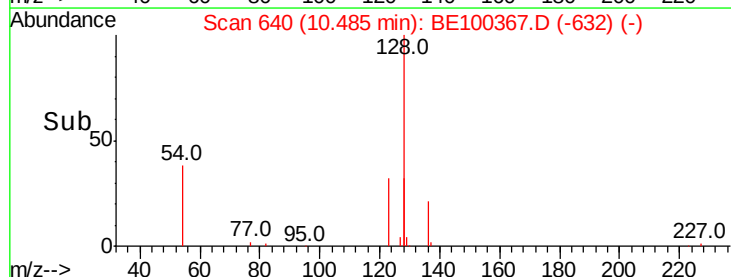
127 10.1 3.5 5.3#

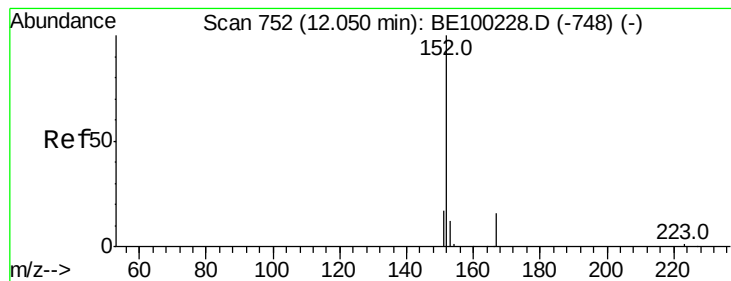


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.261 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

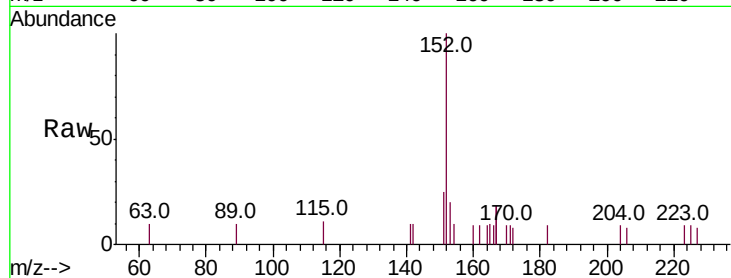
EXT-009-SW143-062419

Tot Ion:152 Resp: 1107

Ion Ratio Lower Upper

152 100

151 22.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

600

500

400

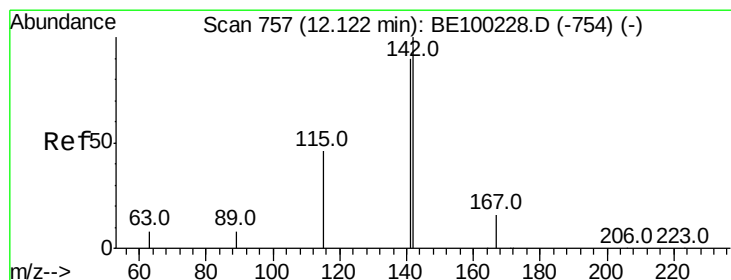
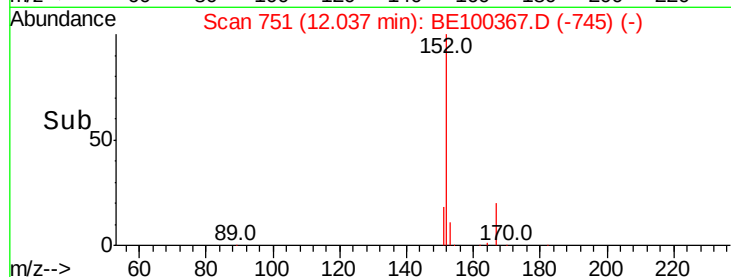
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.035 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

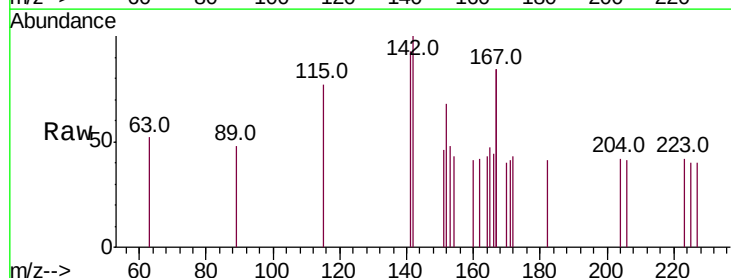
Tgt Ion:142 Resp: 153

Ion Ratio Lower Upper

142 100

141 92.7 72.4 108.6

115 77.3 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

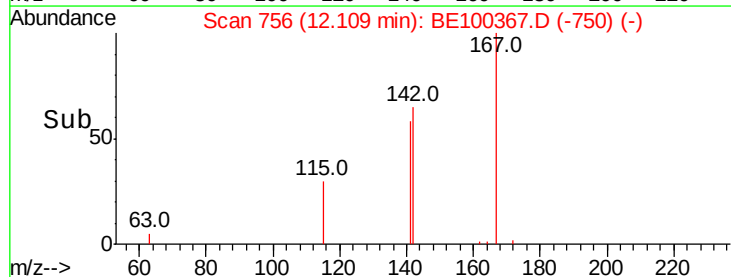
12.11

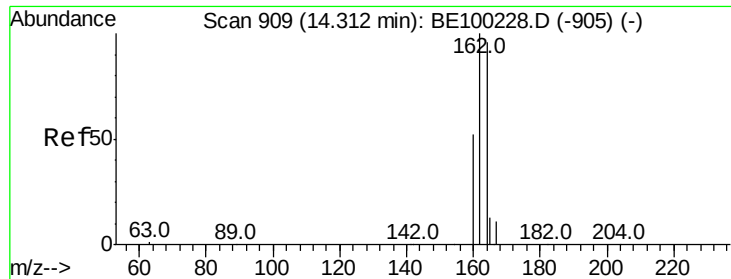
100

50

0

Time-->

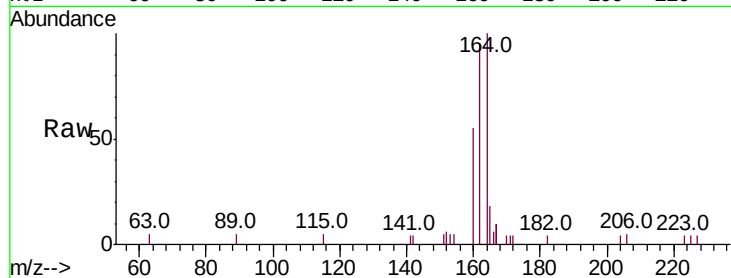




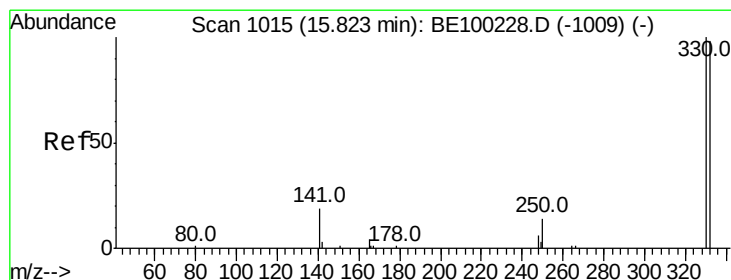
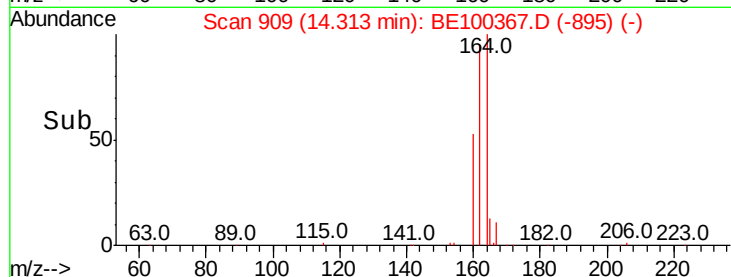
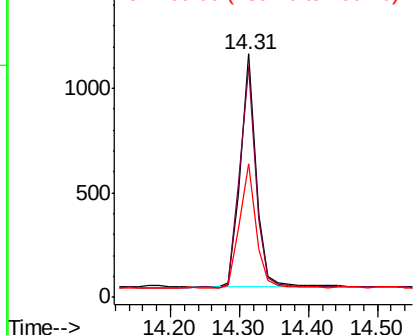
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BE100367.D
 Acq: 4 Jul 2019 15:16

Instrument :
 BNA_E
 ClientSampleId :
 EXT-009-SW143-062419

Tot Ion:164 Resp: 1756
 Ion Ratio Lower Upper
 164 100
 162 94.9 83.4 125.0
 160 54.9 45.0 67.6

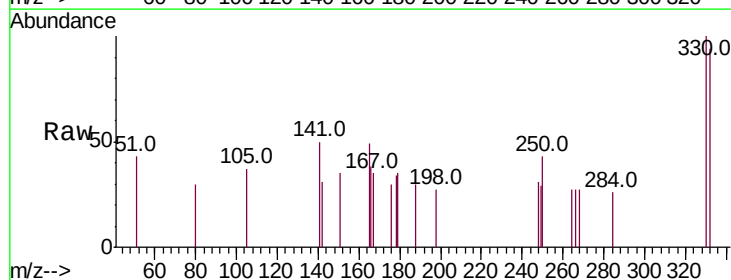


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

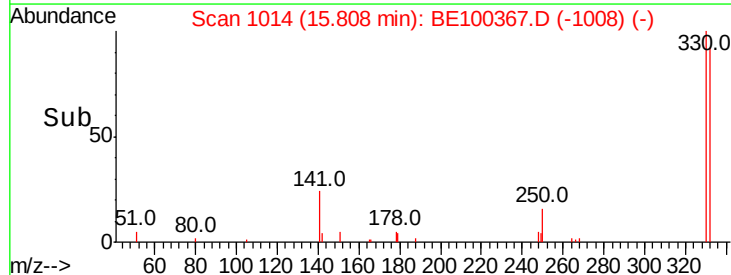
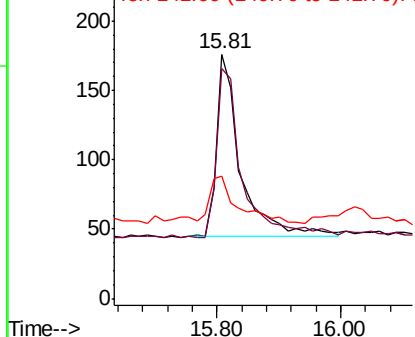


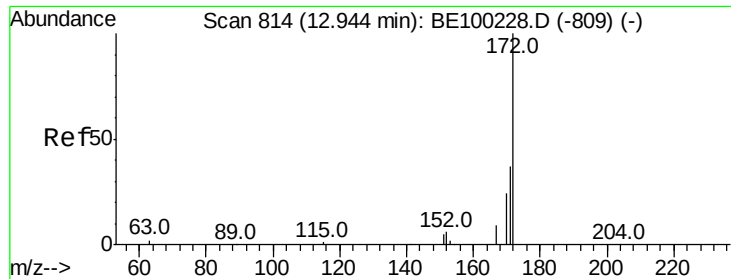
#14
 2,4,6-Tribromophenol
 Concen: 0.284 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100367.D
 Acq: 4 Jul 2019 15:16

Tgt Ion:330 Resp: 349
 Ion Ratio Lower Upper
 330 100
 332 102.0 77.0 115.4
 141 30.9 22.0 33.0



Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

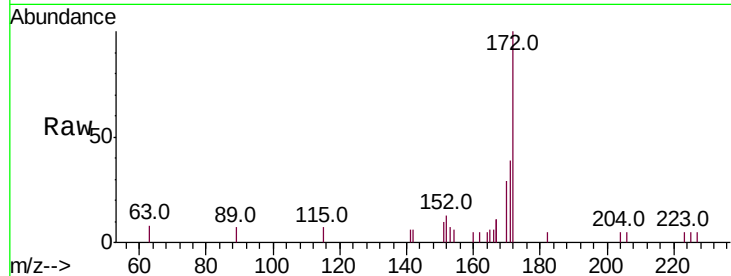




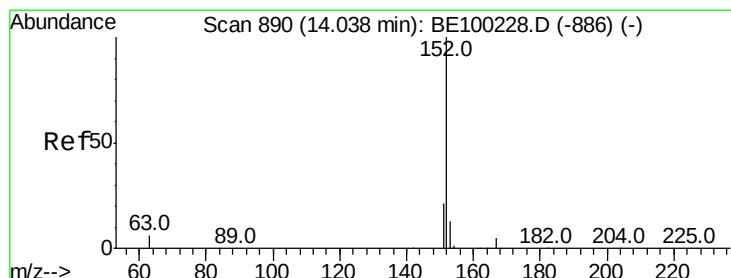
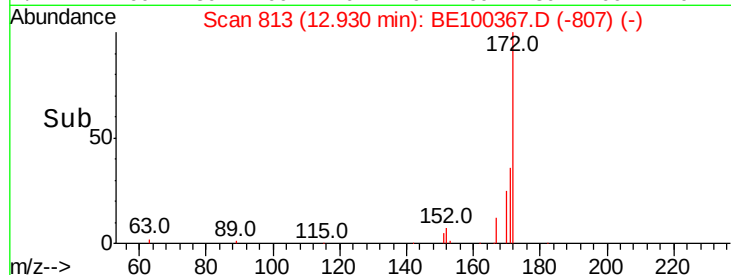
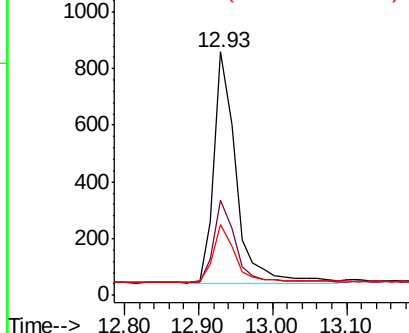
#15
2-Fluorobiphenyl
Concen: 0.250 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW143-062419

Tot Ion:172 Resp: 1713
Ion Ratio Lower Upper
172 100
171 39.1 31.9 47.9
170 29.0 22.2 33.2

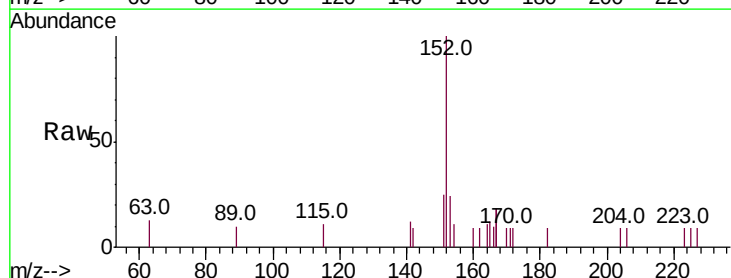


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

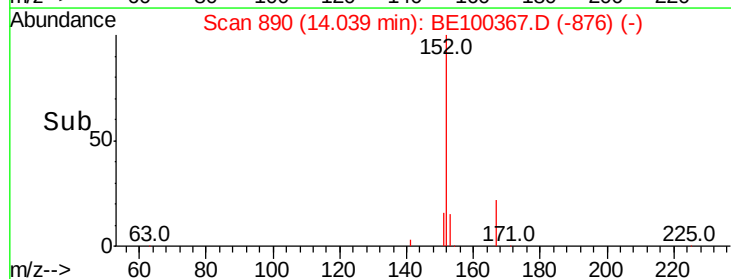
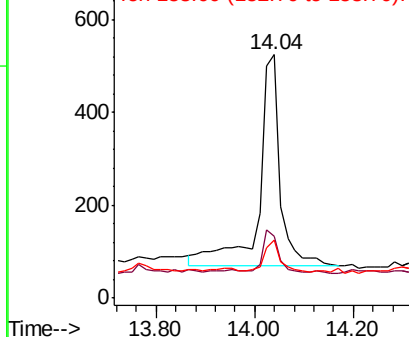


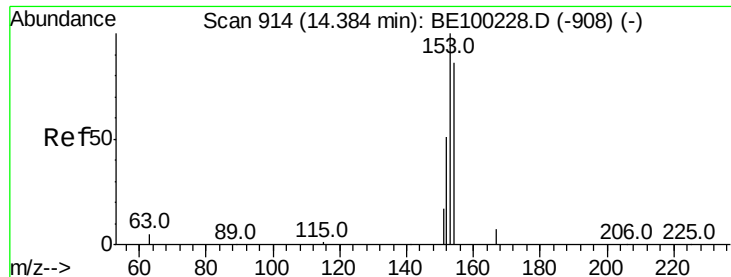
#16
Acenaphthylene
Concen: 0.162 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Tgt Ion:152 Resp: 1364
Ion Ratio Lower Upper
152 100
151 16.5 16.6 25.0#
153 10.8 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

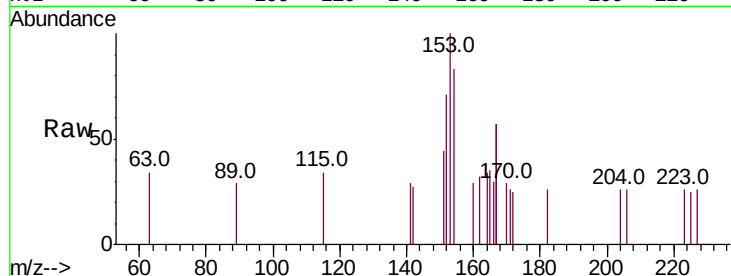




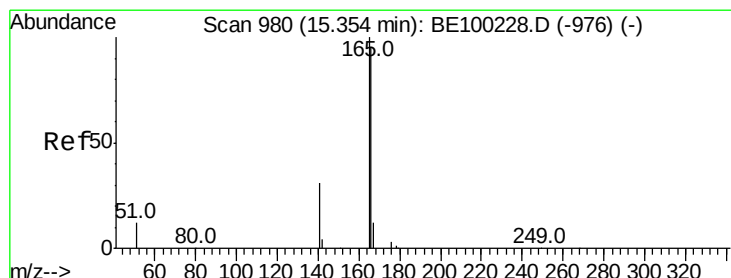
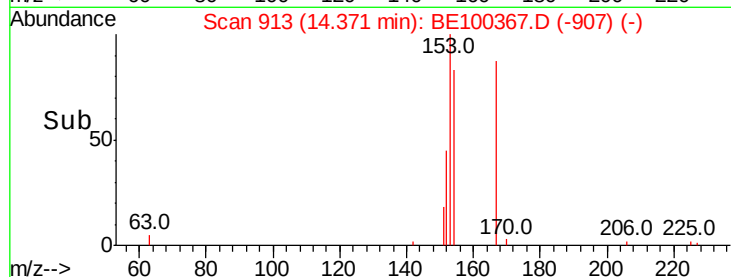
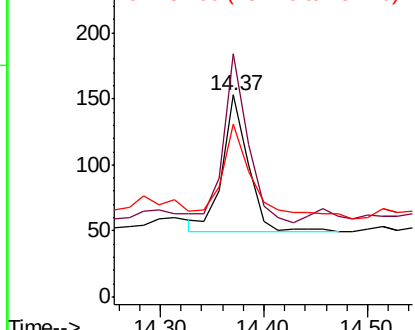
#17
Acenaphthene
Concen: 0.038 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Instrument :
BNA_E
ClientSampleId :
EXT-009-SW143-062419

Tot Ion:154 Resp: 181
Ion Ratio Lower Upper
154 100
153 117.1 93.4 140.2
152 65.2 49.4 74.2

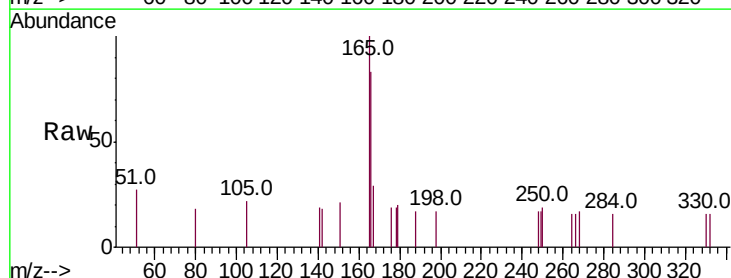


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

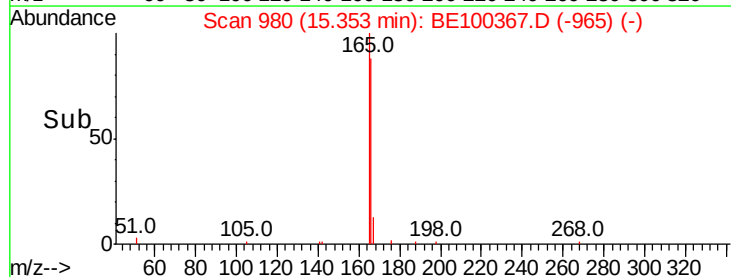
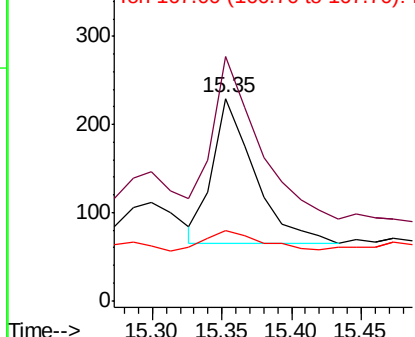


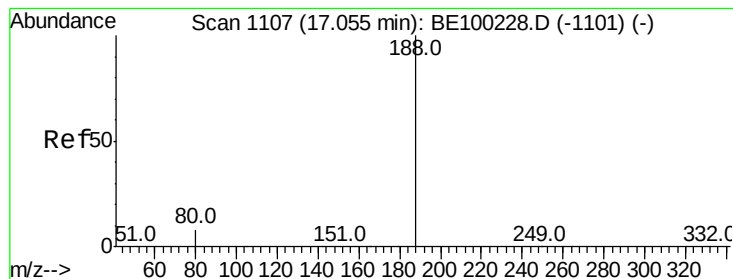
#18
Fluorene
Concen: 0.049 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Tgt Ion:166 Resp: 345
Ion Ratio Lower Upper
166 100
165 127.2 81.1 121.7#
167 19.4 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

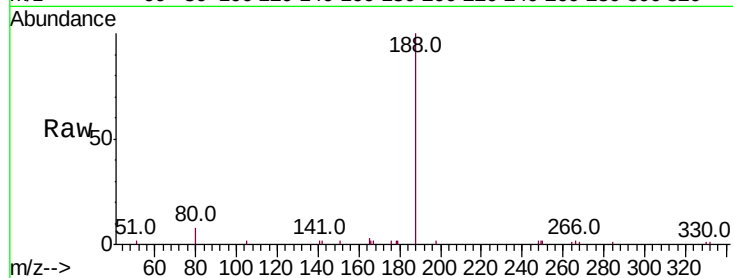
Tot Ion:188 Resp: 5412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

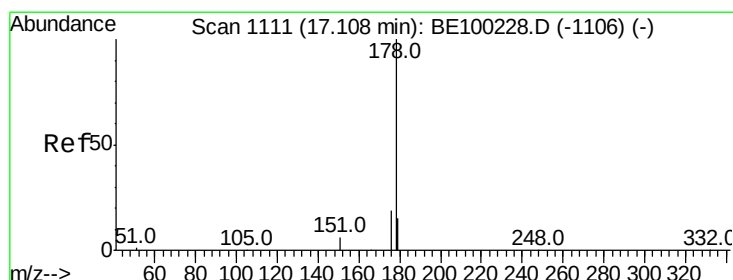
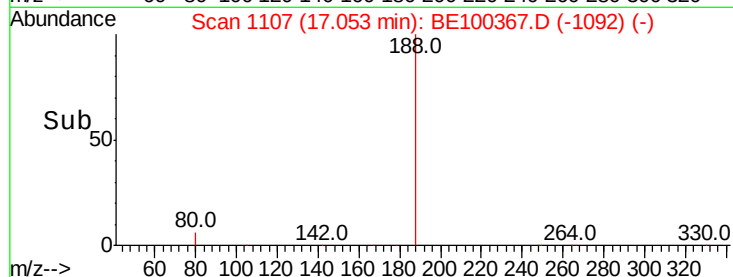
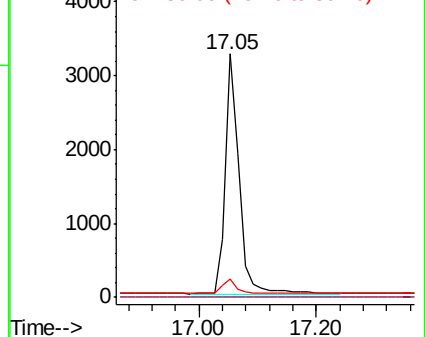
80 7.6 7.6 11.4#



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: 0.725 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

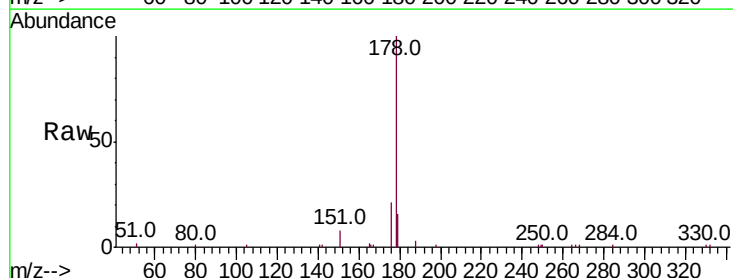
Tgt Ion:178 Resp: 9513

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

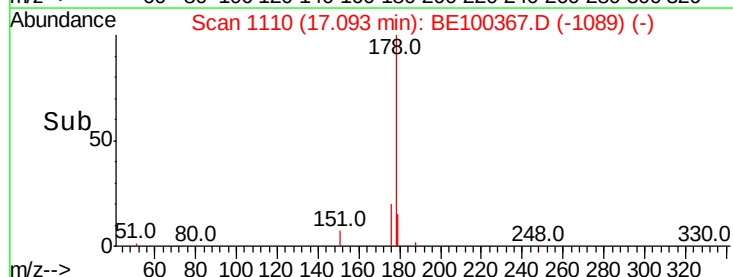
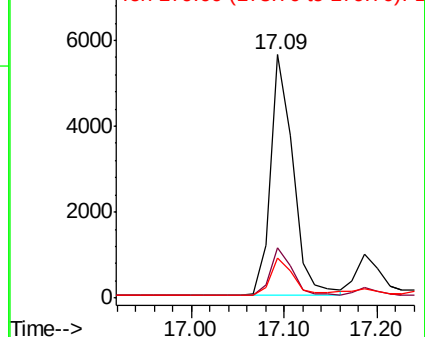
179 16.0 12.2 18.2

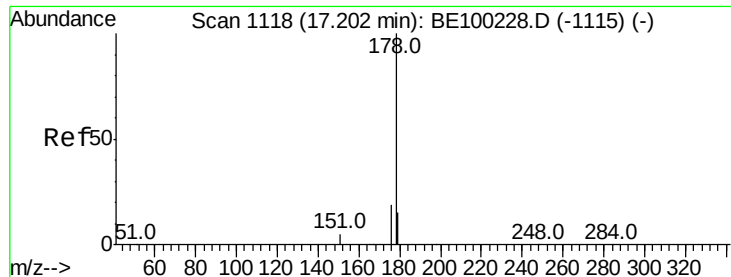


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.145 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

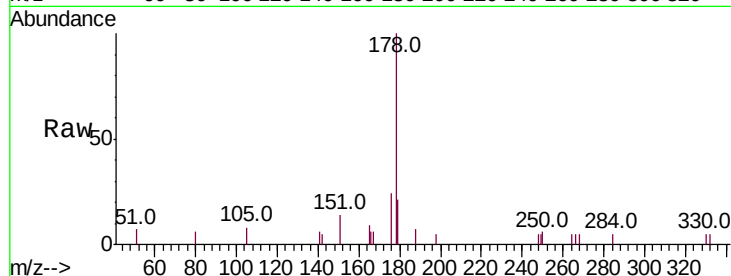
Tot Ion:178 Resp: 1716

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.3	22.9
179	12.9	12.2	18.2

178 100

176 17.5 15.3 22.9

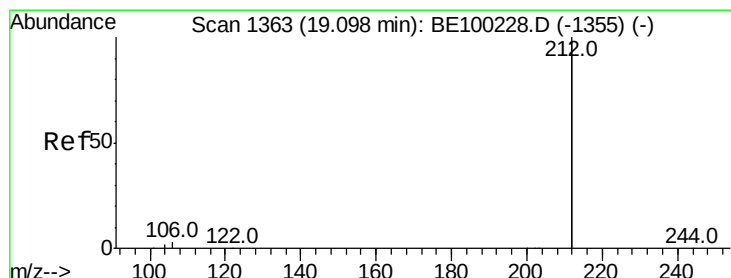
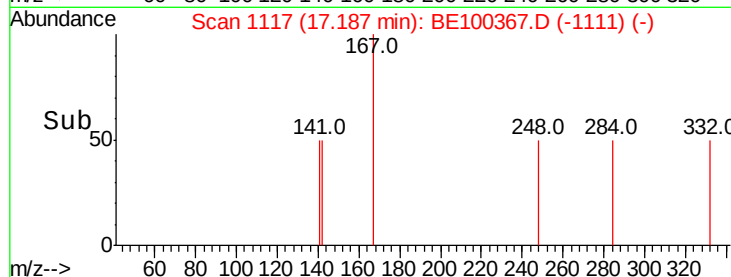
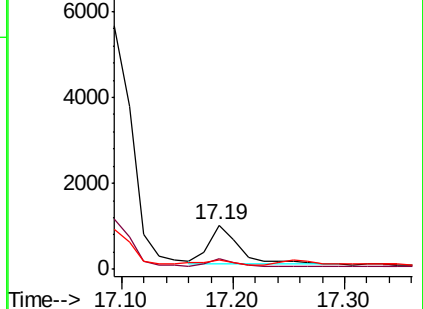
179 12.9 12.2 18.2



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: 0.218 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

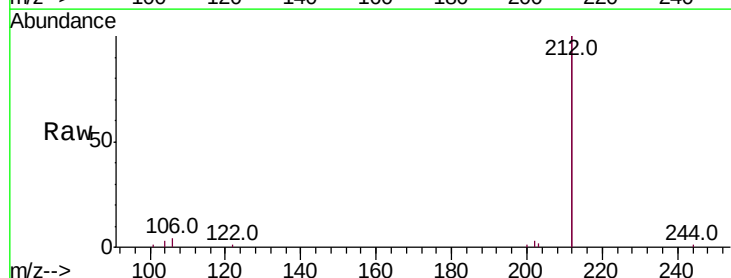
Tgt Ion:212 Resp: 17088

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	0.9	0.8	1.2

212 100

106 1.5 1.3 1.9

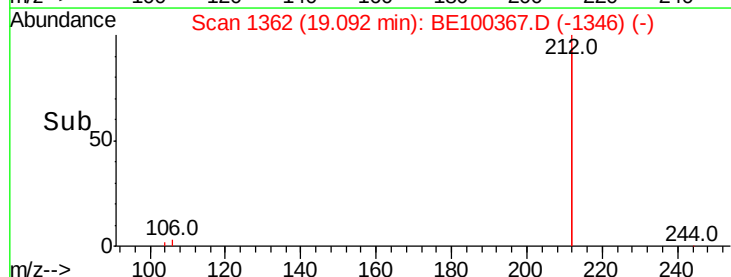
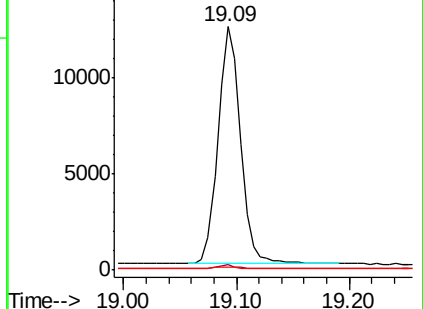
104 0.9 0.8 1.2

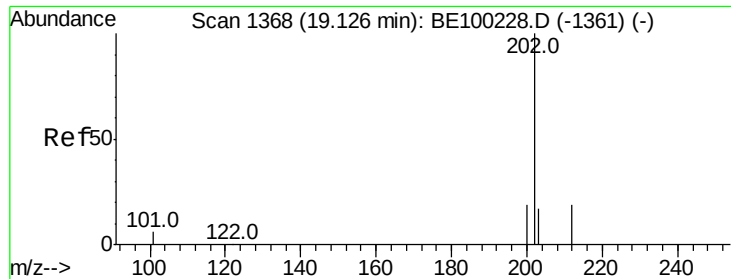


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 1.327 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

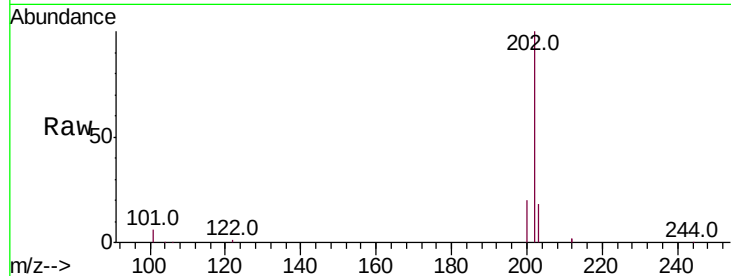
Tot Ion:202 Resp: 27719

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

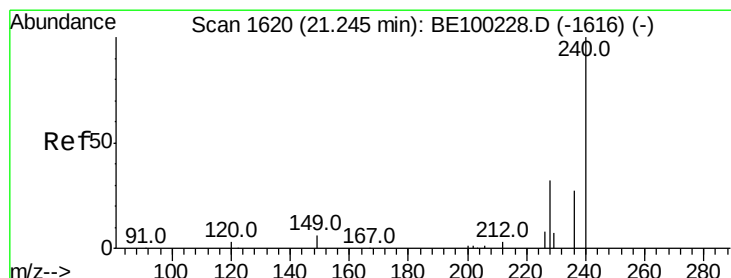
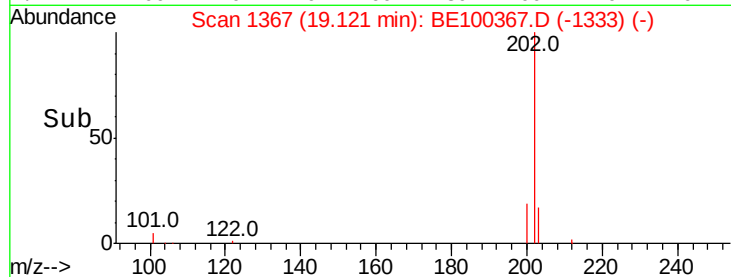
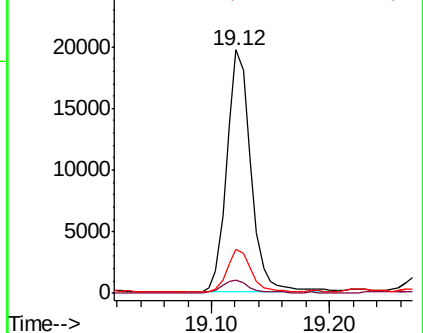
203 17.2 13.7 20.5



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: BE100367.D

Acq: 4 Jul 2019 15:16

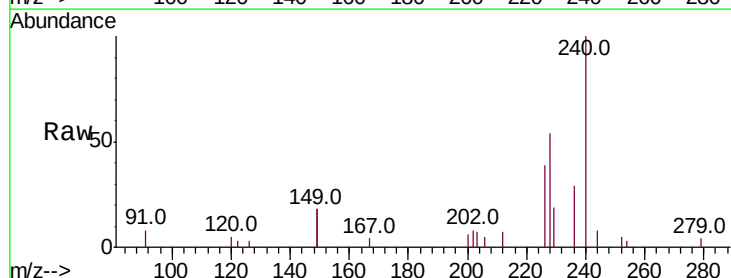
Tgt Ion:240 Resp: 7045

Ion Ratio Lower Upper

240 100

120 4.8 3.3 4.9

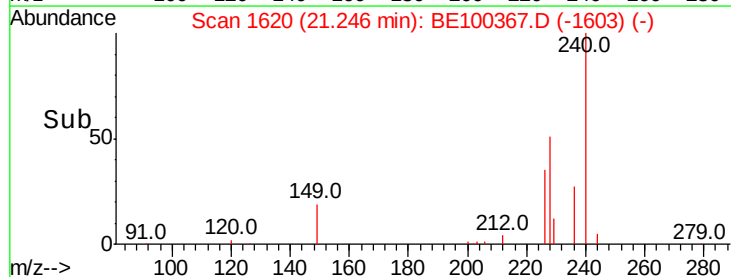
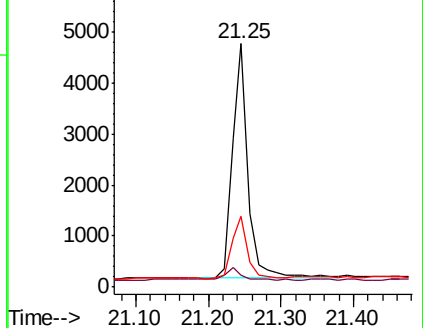
236 29.3 22.6 34.0

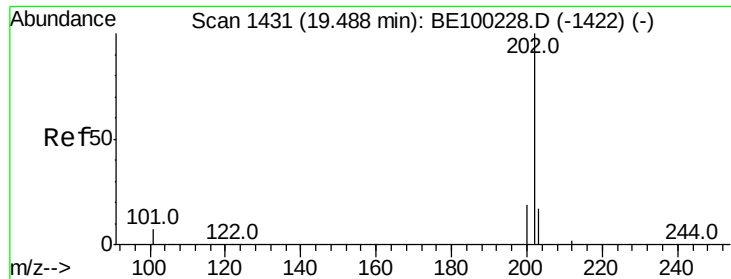


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

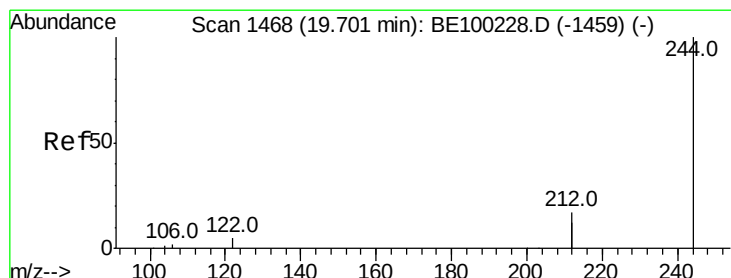
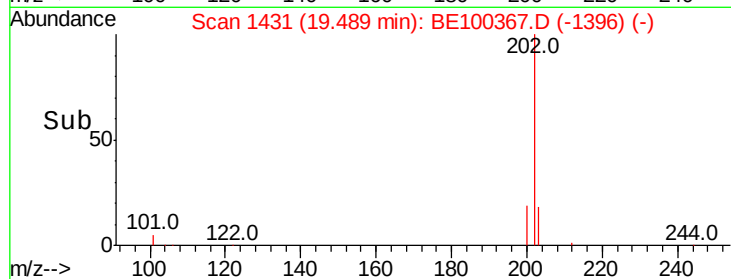
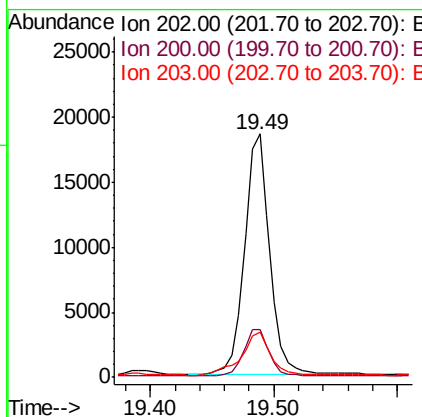
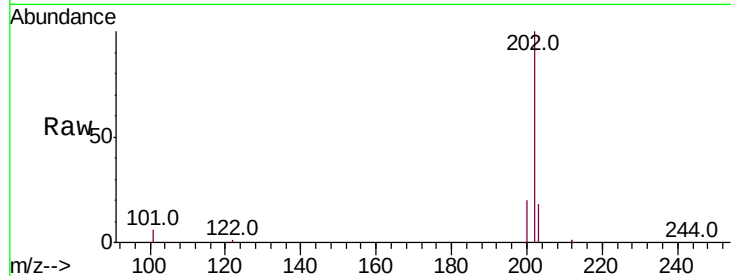




#28
Pvrene
Concen: 1.407 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

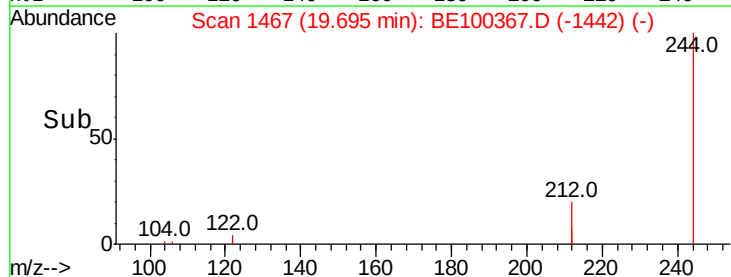
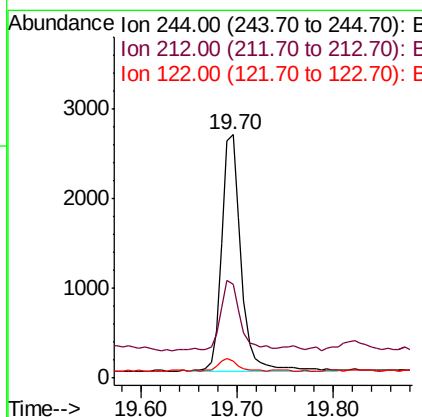
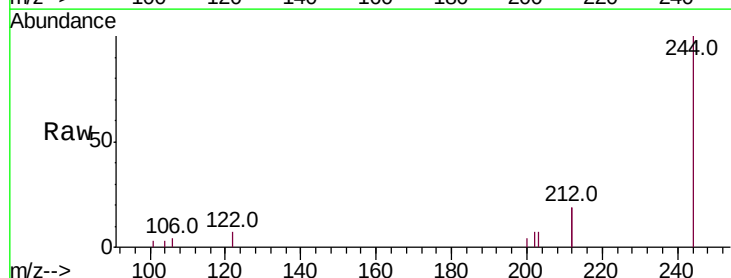
Instrument :
BNA_E
ClientSampleId :
EXT-009-SW143-062419

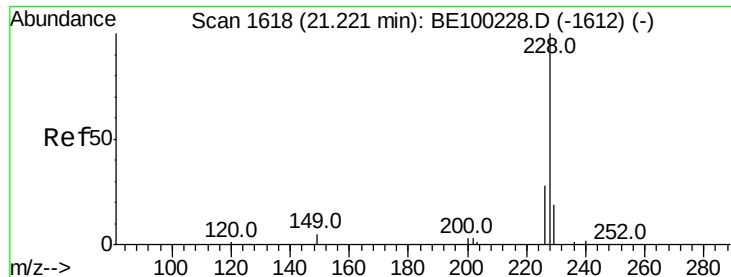
Tot Ion:202 Resp: 26237
Ion Ratio Lower Upper
202 100
200 20.0 15.6 23.4
203 20.6 14.0 21.0



#29
Terphenyl-d14
Concen: 0.252 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Tgt Ion:244 Resp: 3673
Ion Ratio Lower Upper
244 100
212 38.4 27.3 40.9
122 7.0 4.7 7.1





#30

Benzo(a)anthracene

Concen: 0.687 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

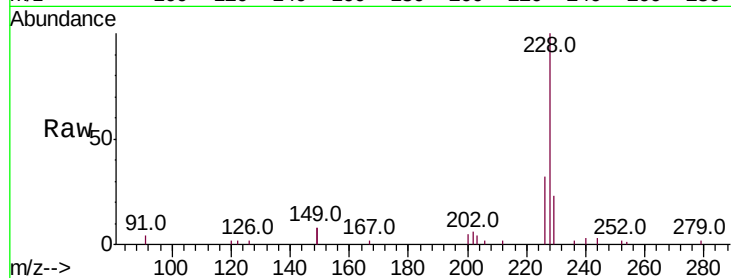
Tot Ion:228 Resp: 15925

Ion Ratio Lower Upper

228 100

226 32.2 23.2 34.8

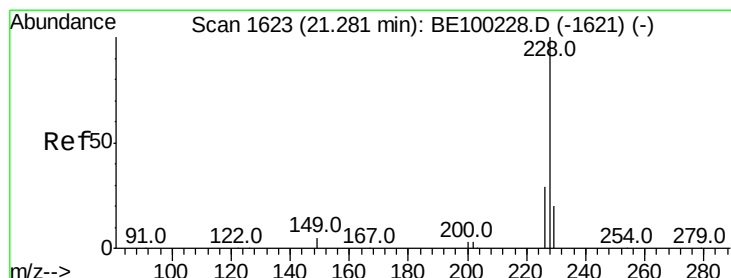
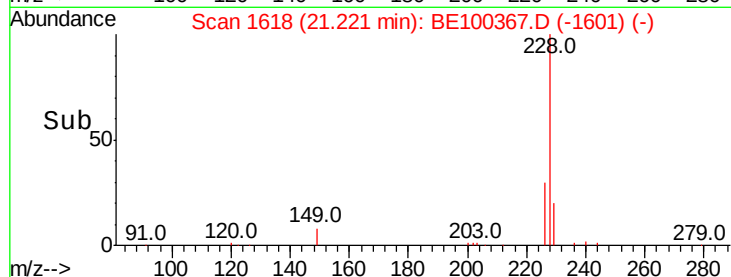
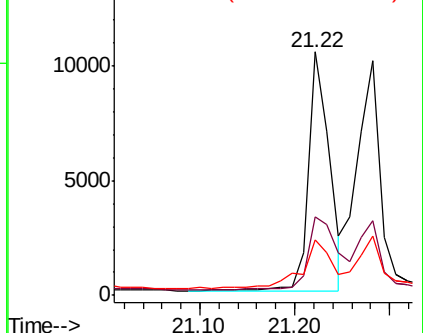
229 23.0 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.480 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.06 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

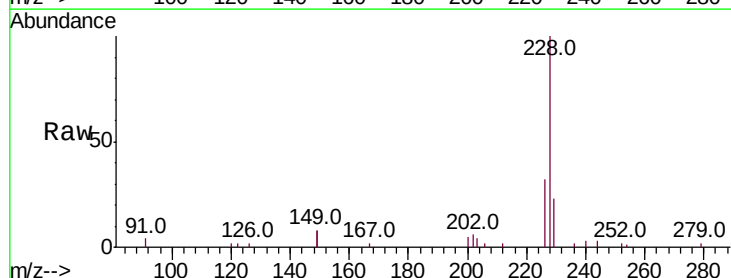
Tgt Ion:228 Resp: 11162

Ion Ratio Lower Upper

228 100

226 32.2 23.9 35.9

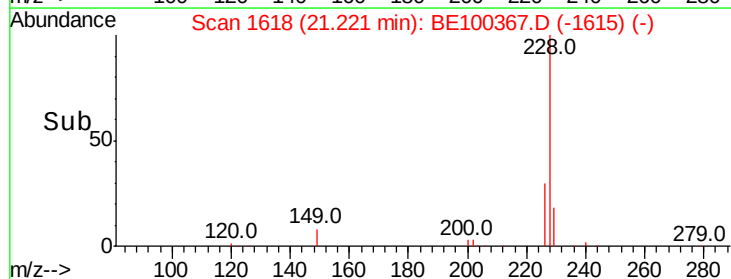
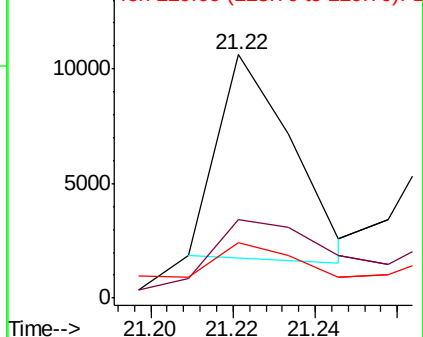
229 23.0 16.5 24.7

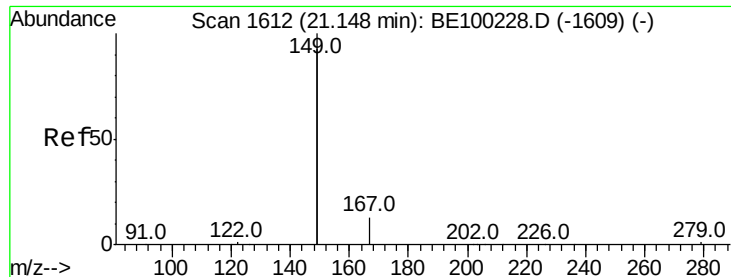


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

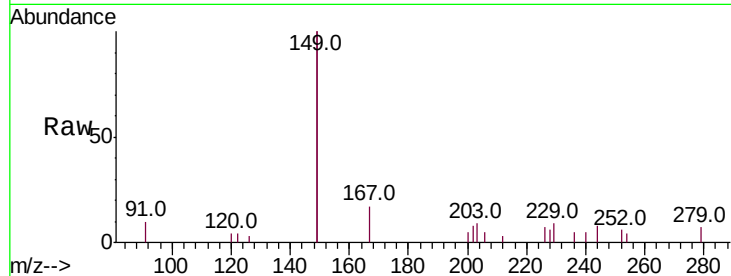




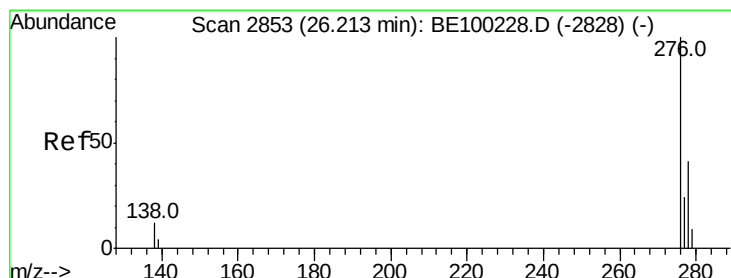
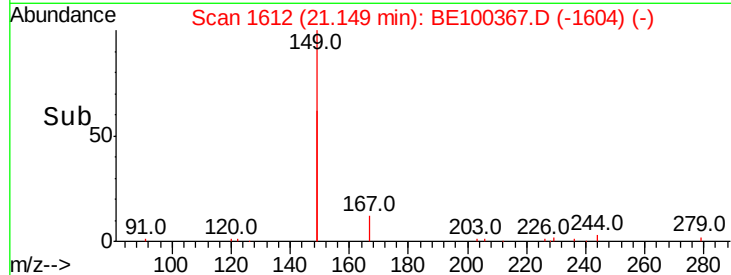
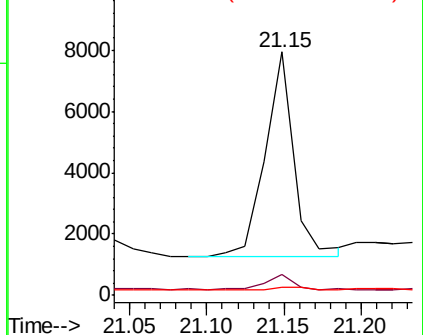
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.208 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100367.D
 Acq: 4 Jul 2019 15:16

Instrument :
 BNA_E
 ClientSampleId :
 EXT-009-SW143-062419

Tot Ion:149 Resp: 8687
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.8 8.8
 279 1.8 1.1 1.7#

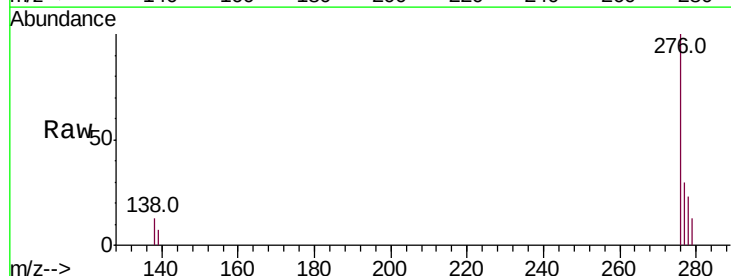


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

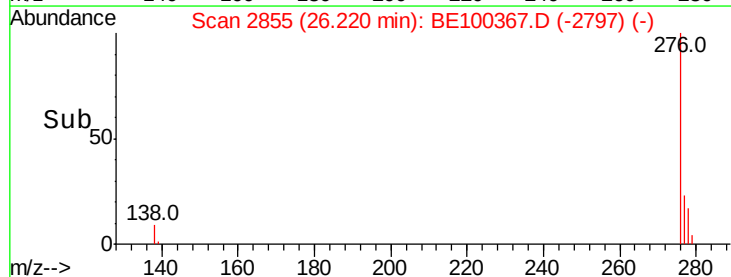
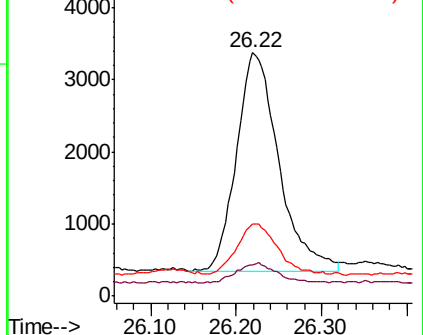


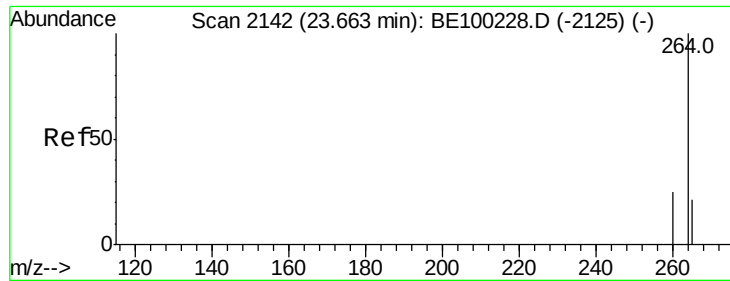
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.343 ng
 RT: 26.22 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BE100367.D
 Acq: 4 Jul 2019 15:16

Tgt Ion:276 Resp: 10546
 Ion Ratio Lower Upper
 276 100
 138 8.4 9.4 14.0#
 277 22.0 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

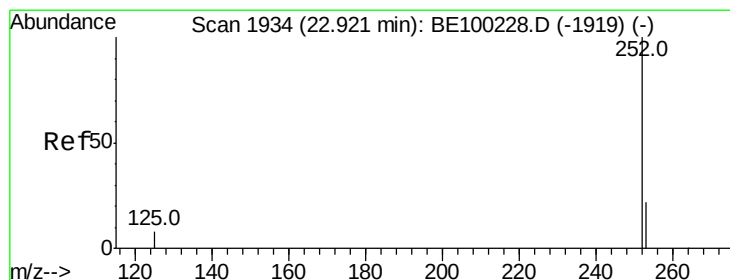
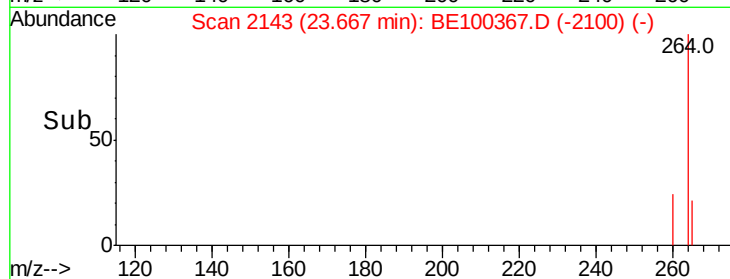
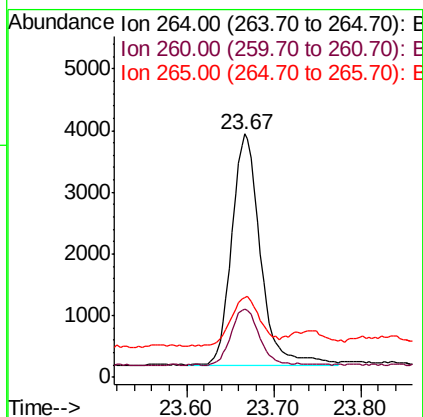
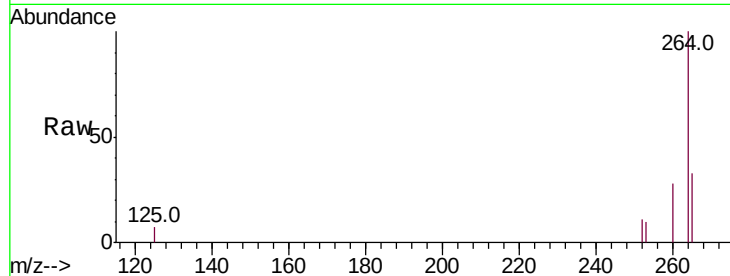




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

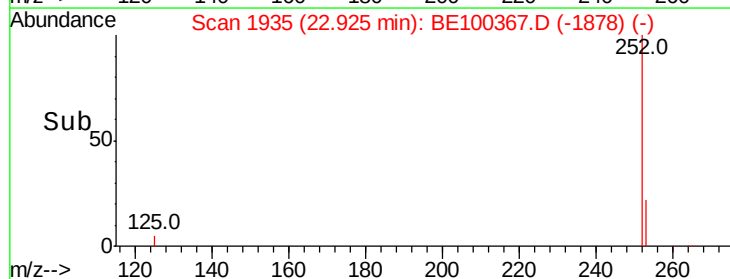
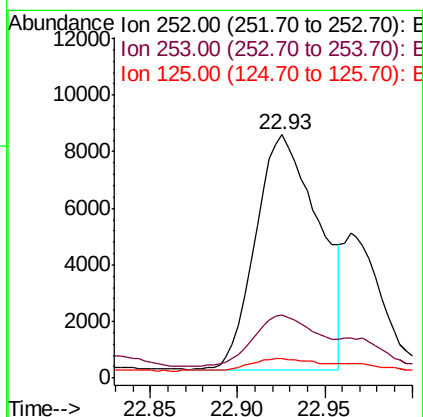
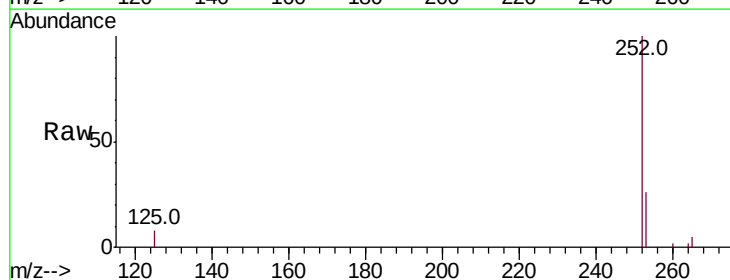
Instrument :
BNA_E
ClientSampleId :
EXT-009-SW143-062419

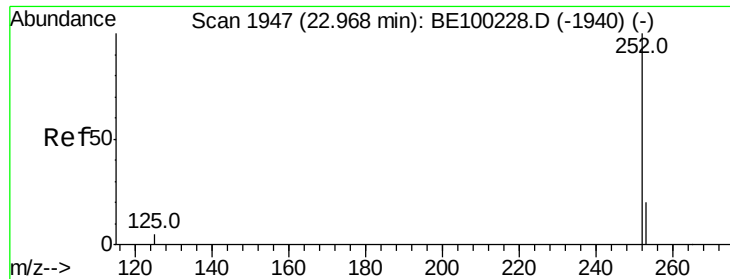
Tot Ion:264 Resp: 8520
Ion Ratio Lower Upper
264 100
260 28.1 20.8 31.2
265 32.8 21.8 32.6#



#35
Benzo(b)fluoranthene
Concen: 0.902 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100367.D
Acq: 4 Jul 2019 15:16

Tgt Ion:252 Resp: 20837
Ion Ratio Lower Upper
252 100
253 25.8 19.2 28.8
125 8.0 7.4 11.0





#36

Benzo(k)fluoranthene

Concen: 0.808 ng

RT: 22.93 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

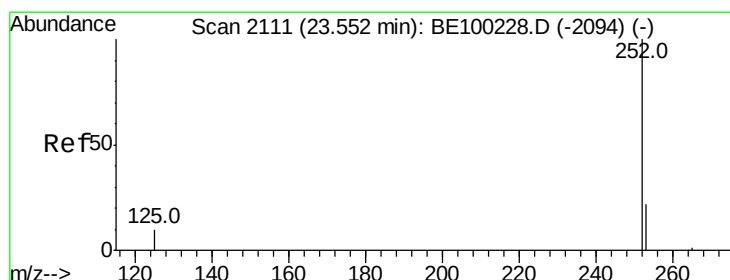
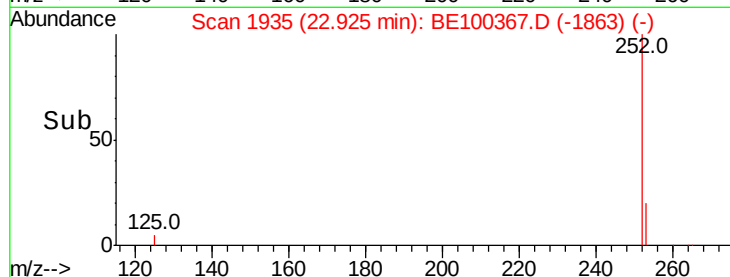
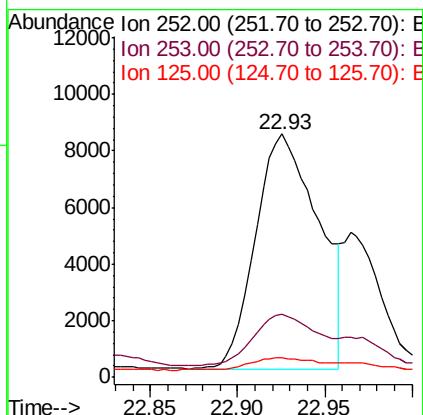
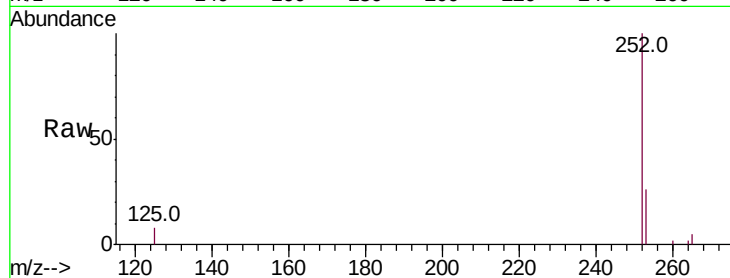
Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

Tot	Ion:252	Resp:	20837
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	8.0	5.0	7.4#



#37

Benzo(a)pyrene

Concen: 0.636 ng

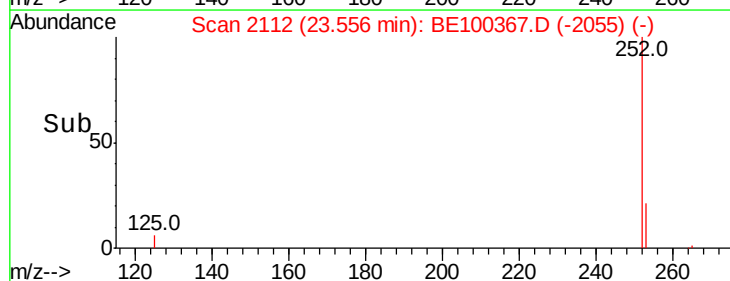
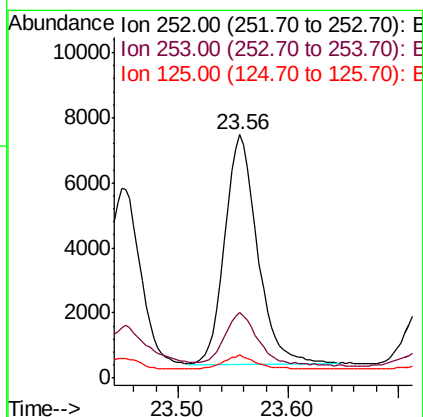
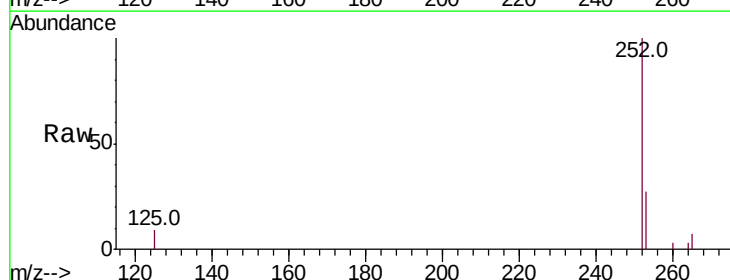
RT: 23.56 min Scan# 2112

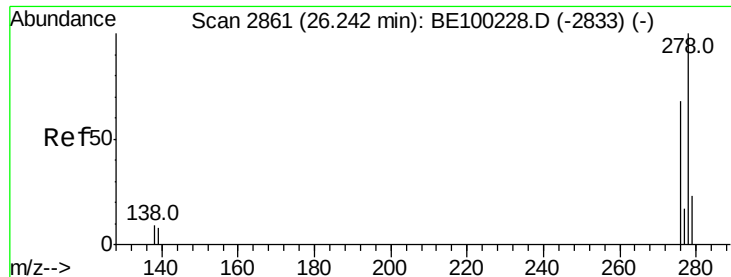
Delta R.T. 0.00 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Tgt Ion:252	Resp: 14734
Ion Ratio	Lower Upper
252 100	
253 26.8	19.6 29.4
125 9.4	9.0 13.6





#38

Dibenzo(a,h)anthracene

Concen: 0.092 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

Instrument :

BNA_E

ClientSampleId :

EXT-009-SW143-062419

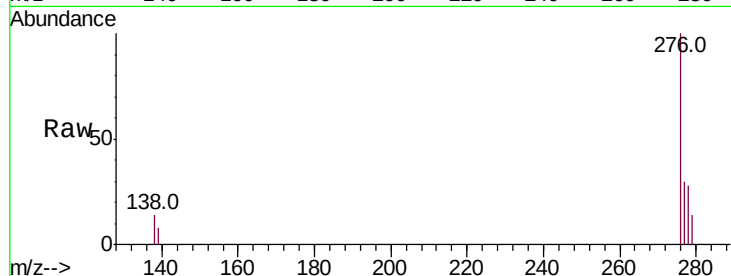
Tot Ion:278 Resp: 2227

Ion Ratio Lower Upper

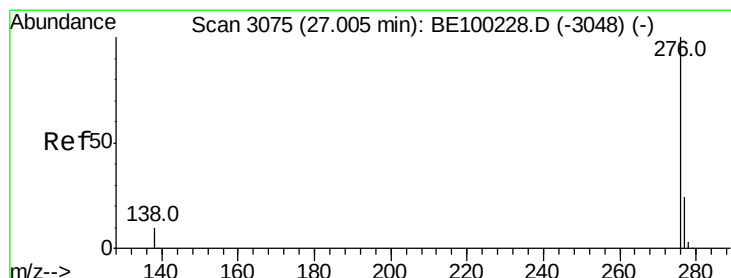
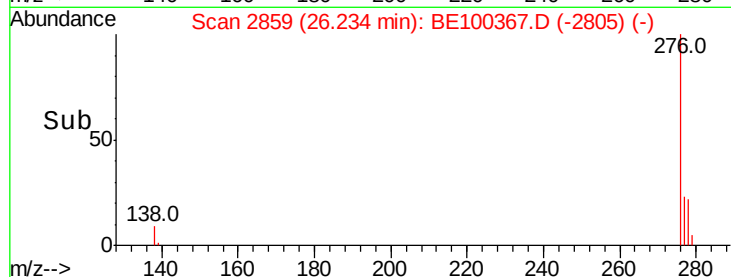
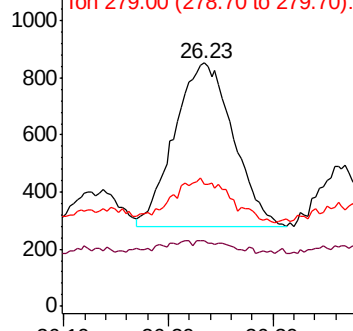
278 100

139 26.8 8.2 12.2#

279 50.3 20.3 30.5#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#39

Benzo(g,h,i)perylene

Concen: 0.470 ng

RT: 27.01 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BE100367.D

Acq: 4 Jul 2019 15:16

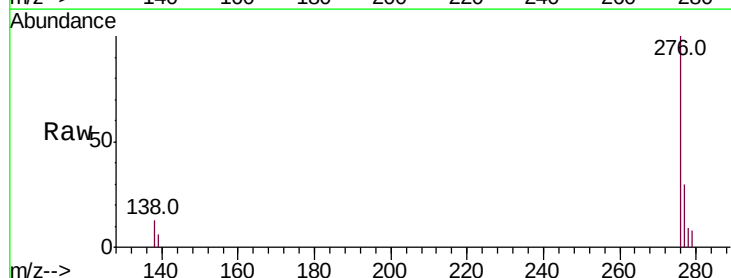
Tgt Ion:276 Resp: 11665

Ion Ratio Lower Upper

276 100

277 30.2 20.2 30.2

138 12.9 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

