

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100368.D
 Acq On : 4 Jul 2019 15:55
 Operator : JU/SJ
 Sample : K3560-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 05 01:15:31 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	723	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2450	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2057	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6238	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8242	0.40	ng	0.00
34) Perylene-d12	23.67	264	9710	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	688	0.37	ng	-0.01
5) Phenol-d6	6.83	99	960	0.40	ng	-0.01
8) Nitrobenzene-d5	8.81	82	843	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1712	0.37	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	587	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2609	0.33	ng	-0.01
25) Fluoranthene-d10	19.09	212	27530	0.30	ng	0.00
29) Terphenyl-d14	19.70	244	5384	0.32	ng	0.00

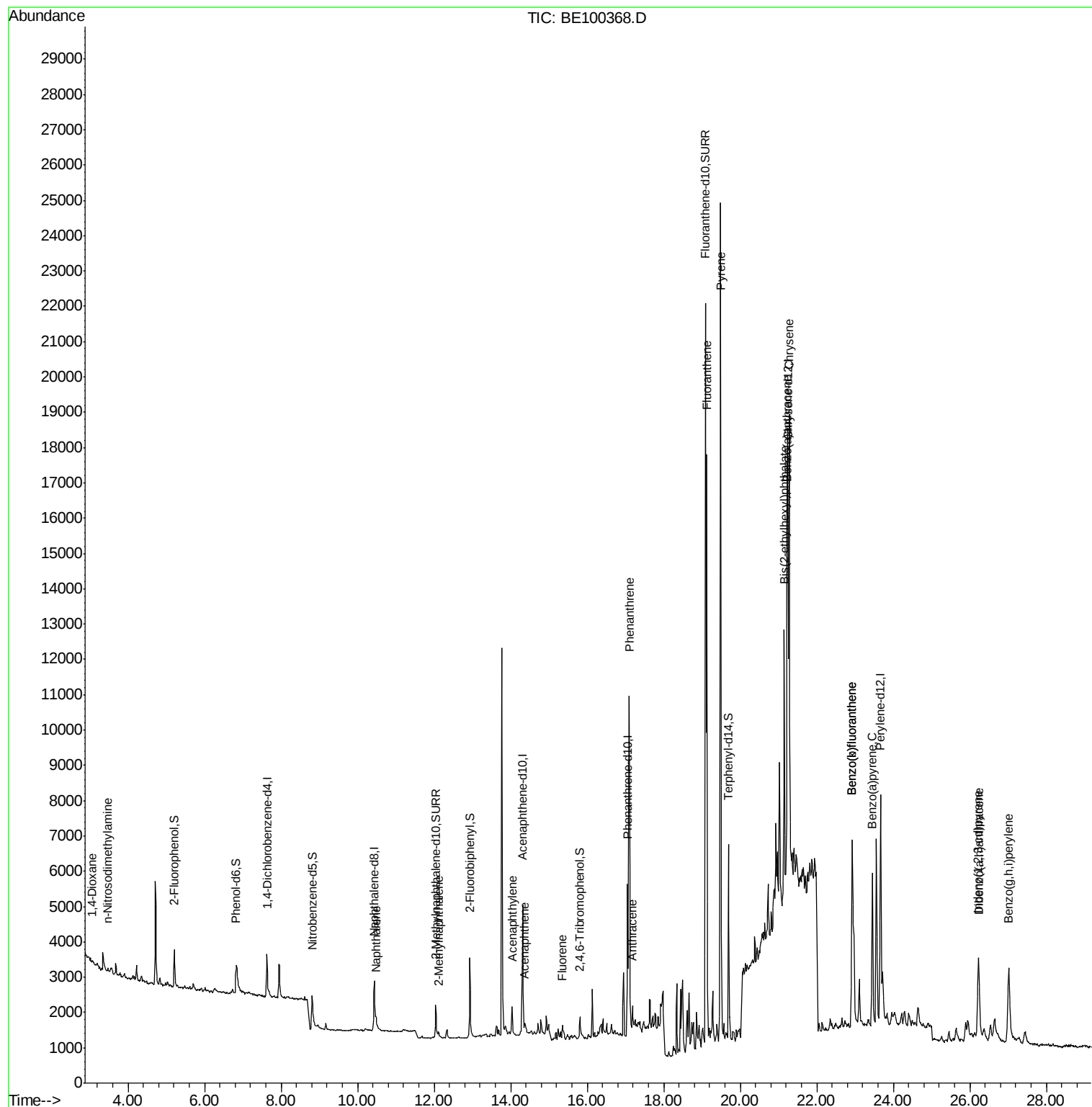
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	25	0.022	ng	# 32
3) n-Nitrosodimethylamine	3.47	42	41	0.078	ng	# 1
9) Naphthalene	10.48	128	630	0.023	ng	# 75
12) 2-Methylnaphthalene	12.11	142	132	0.028	ng	# 79
16) Acenaphthylene	14.04	152	1272	0.129	ng	# 91
17) Acenaphthene	14.37	154	161	0.029	ng	# 91
18) Fluorene	15.35	166	415	0.050	ng	# 77
23) Phenanthrene	17.09	178	10582	0.700	ng	# 99
24) Anthracene	17.19	178	937	0.069	ng	# 91
26) Fluoranthene	19.12	202	15698	0.652	ng	# 98
28) Pyrene	19.49	202	24411	1.119	ng	# 96
30) Benzo(a)anthracene	21.22	228	10469	0.386	ng	# 88
31) Chrysene	21.28	228	13798	0.507	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.15	149	8163	0.156	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.22	276	5375	0.149	ng	# 93
35) Benzo(b)fluoranthene	22.93	252	11318	0.430	ng	# 91
36) Benzo(k)fluoranthene	22.93	252	11318	0.385	ng	# 87
37) Benzo(a)pyrene	23.45	252	7286	0.276	ng	# 93
38) Dibenzo(a,h)anthracene	26.24	278	1427	0.052	ng	# 41
39) Benzo(g,h,i)perylene	27.02	276	6124	0.216	ng	# 88

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

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Instrument :
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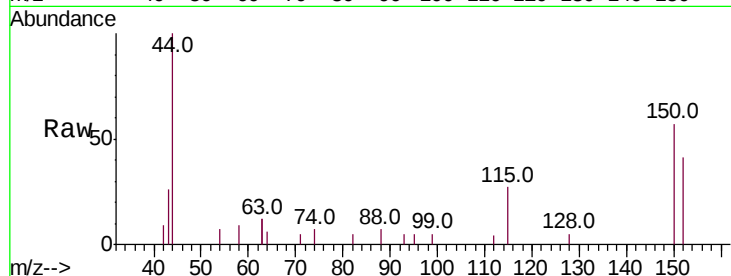


#1

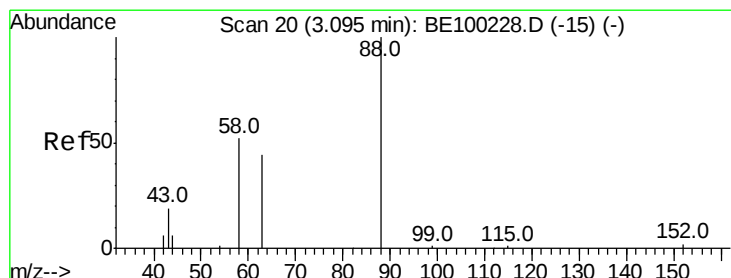
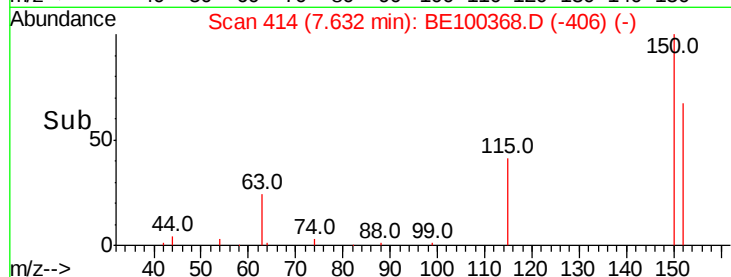
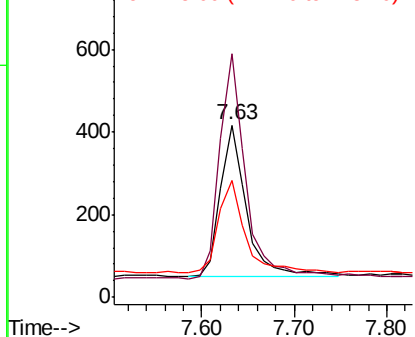
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 723
Ion Ratio Lower Upper
152 100
150 141.2 114.5 171.7
115 67.6 57.1 85.7



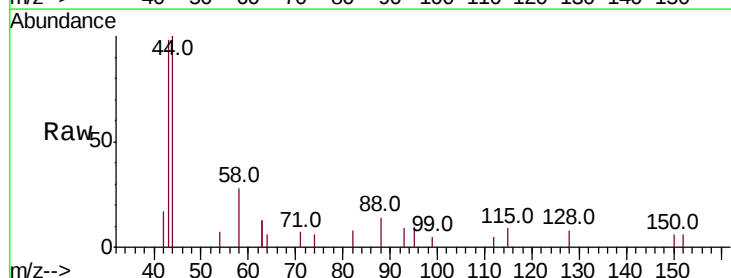
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



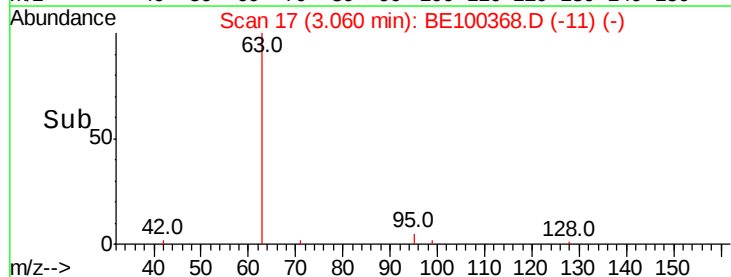
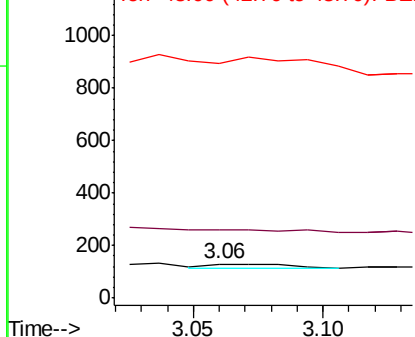
#2

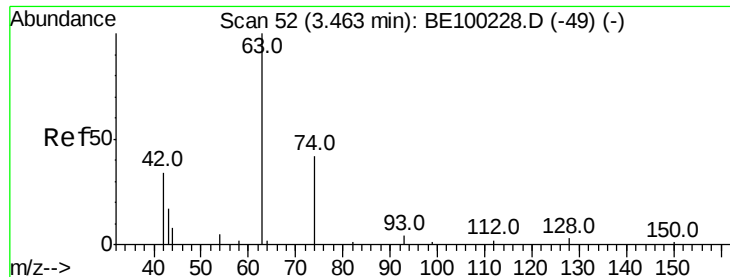
1,4-Dioxane
Concen: 0.022 ng
RT: 3.06 min Scan# 17
Delta R.T. -0.04 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion: 88 Resp: 25
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: 0.078 ng

RT: 3.47 min Scan# 53

Delta R.T. 0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampleId :

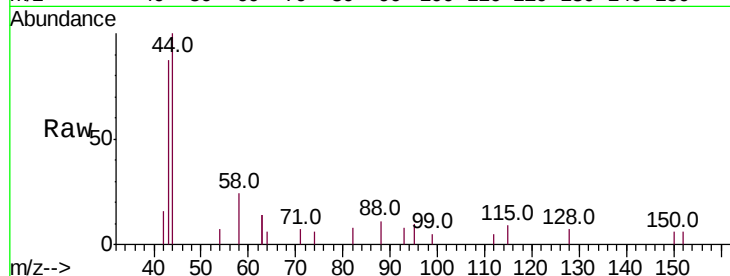
Tot Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

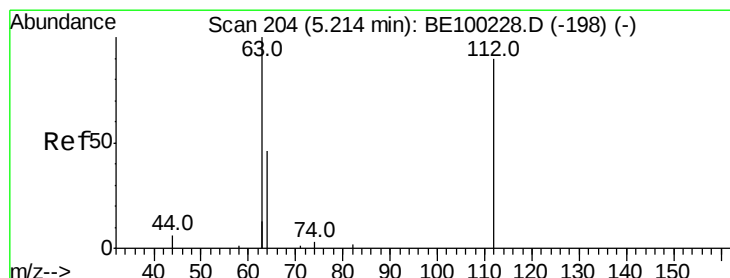
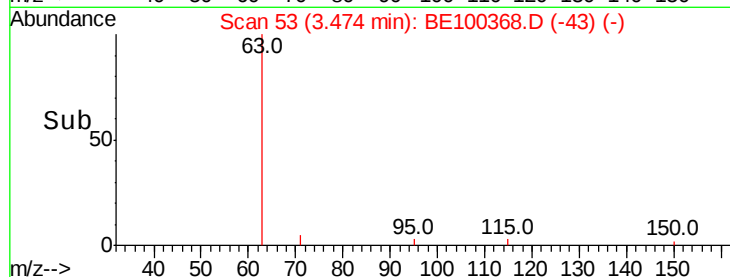
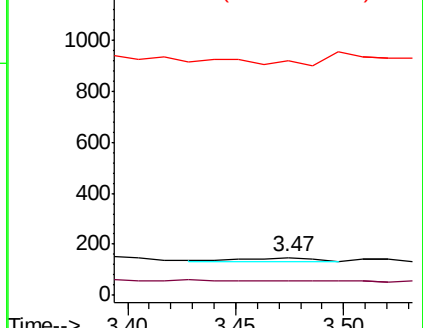
44 0.0 38.0 57.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.373 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

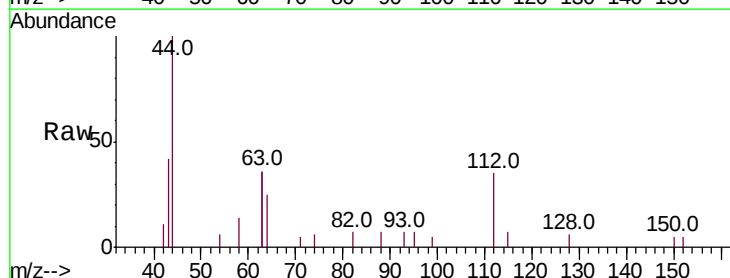
Tgt Ion: 112 Resp: 688

Ion Ratio Lower Upper

112 100

64 62.6 39.4 59.0#

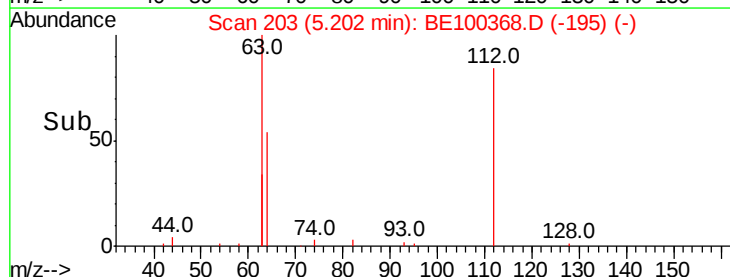
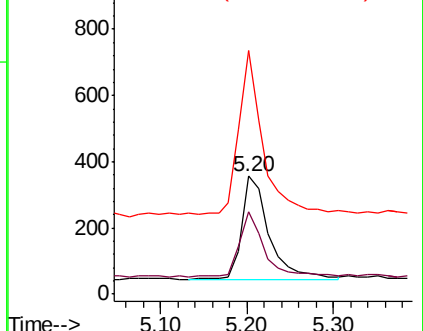
63 140.8 104.5 156.7

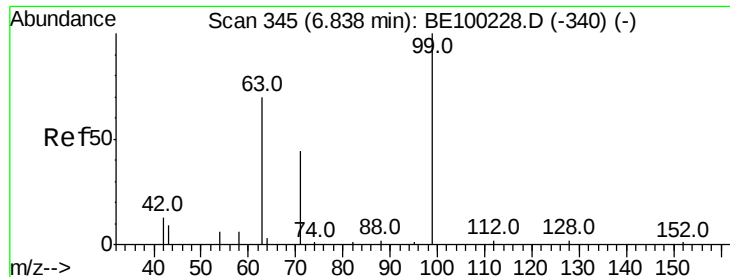


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.396 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampleId :

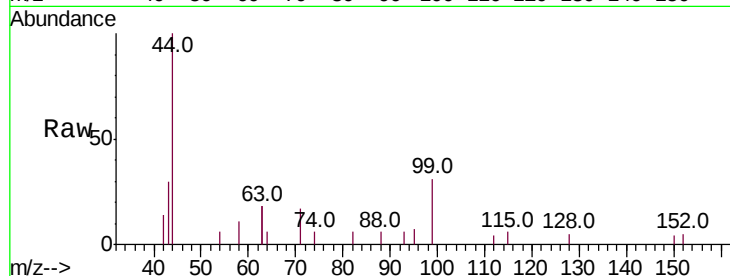
Tot Ion: 99 Resp: 960

Ion Ratio Lower Upper

99 100

42 23.8 11.2 16.8#

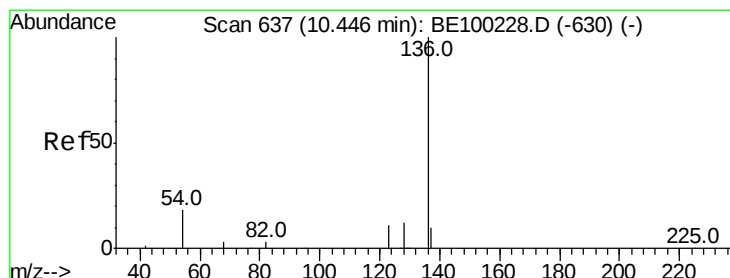
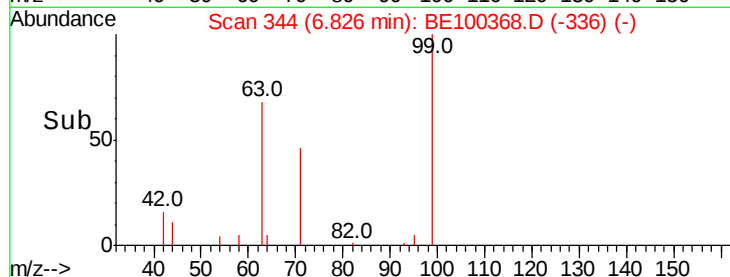
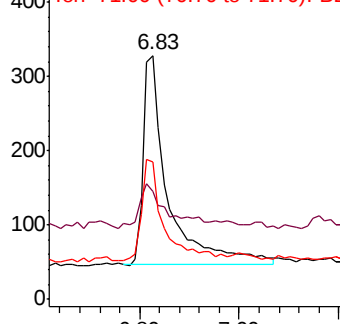
71 44.0 37.2 55.8



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: BE100368.D

Acq: 4 Jul 2019 15:55

Tgt Ion: 136 Resp: 2450

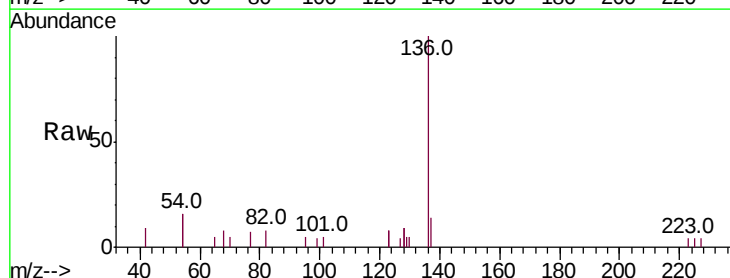
Ion Ratio Lower Upper

136 100

137 13.7 11.8 17.8

54 32.8 27.7 41.5

68 8.2 6.8 10.2

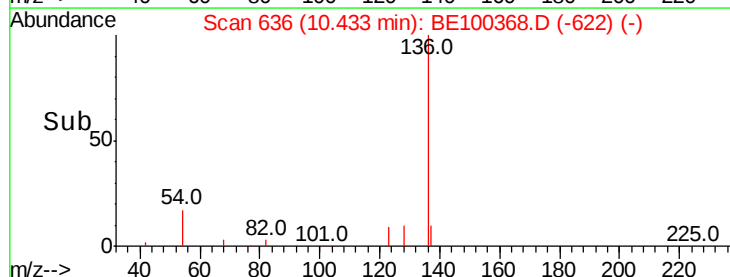
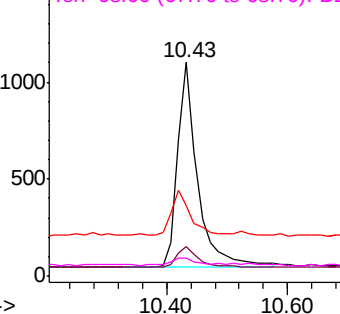


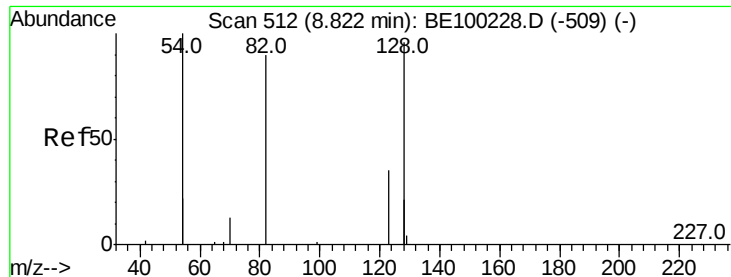
Abundance Ion 136.00 (135.70 to 136.70): BE1

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





#8

Nitrobenzene-d5

Concen: 0.346 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampleId :

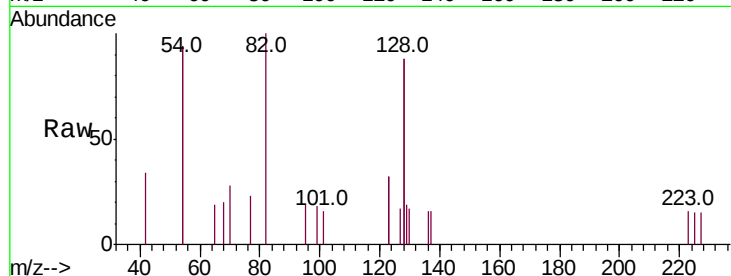
Tot Ion: 82 Resp: 843

Ion Ratio Lower Upper

82 100

128 175.8 140.9 211.3

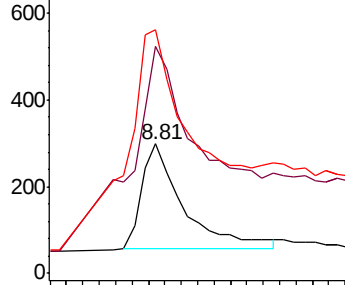
54 188.6 146.2 219.2



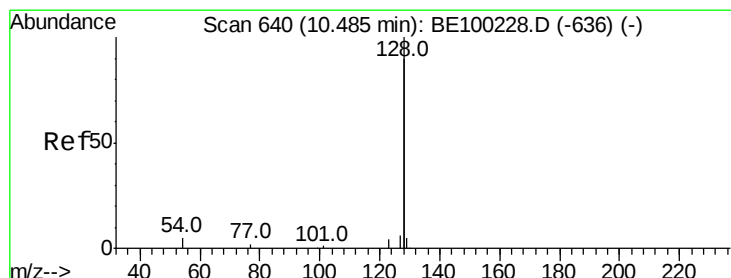
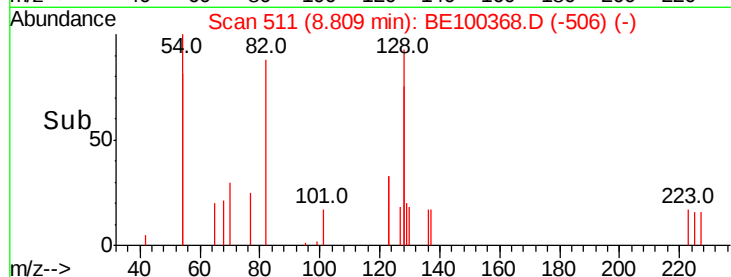
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



Time-->



#9

Naphthalene

Concen: 0.023 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

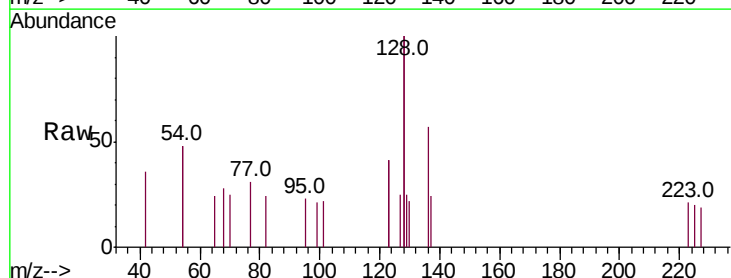
Tgt Ion: 128 Resp: 630

Ion Ratio Lower Upper

128 100

129 12.4 3.0 4.6#

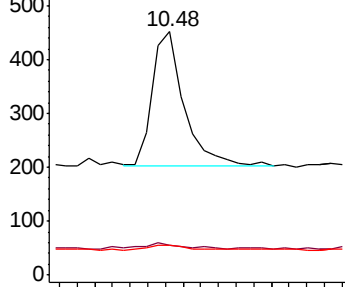
127 12.4 3.5 5.3#



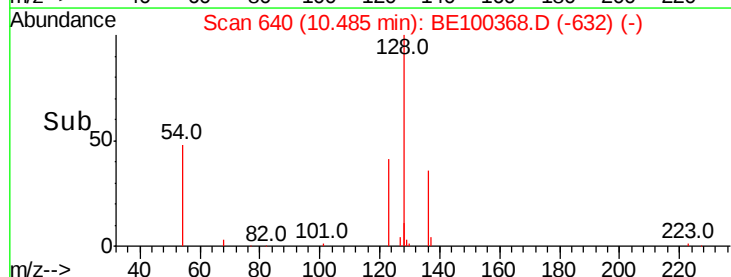
Abundance Ion 128.00 (127.70 to 128.70): E

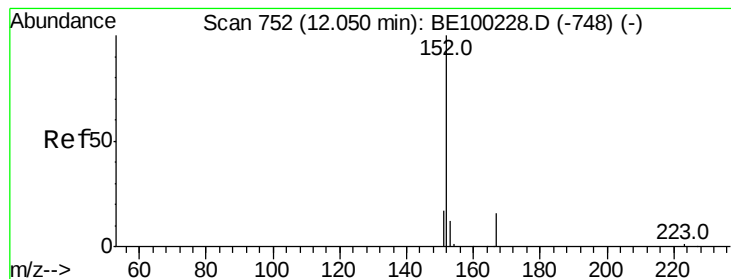
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

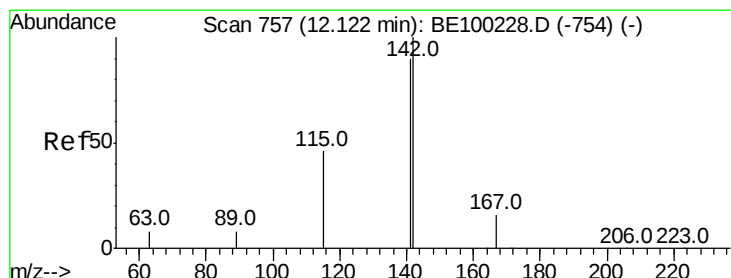
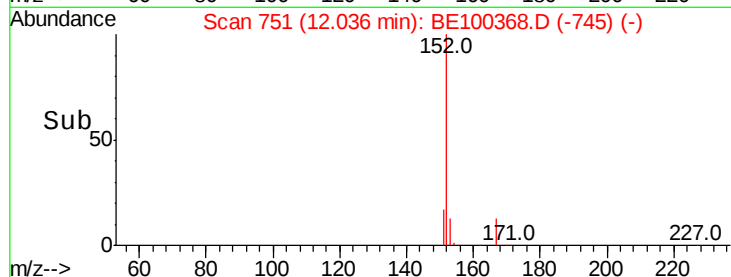
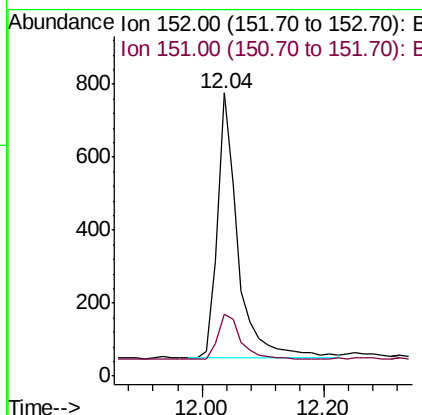
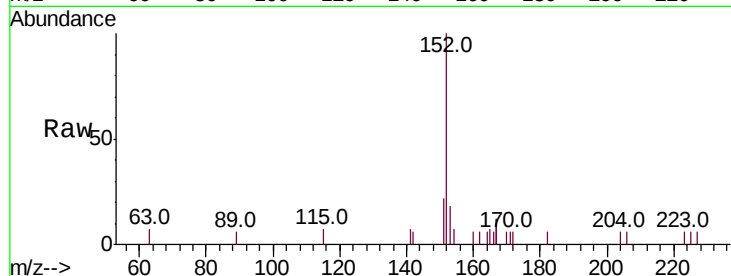




#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

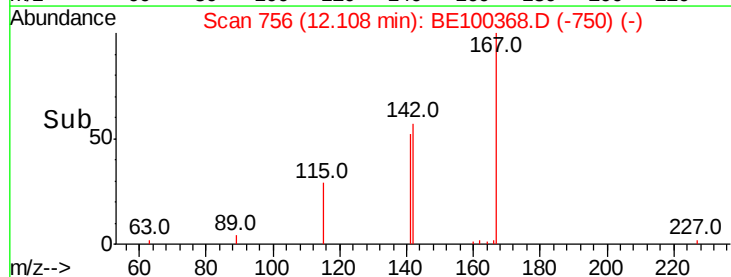
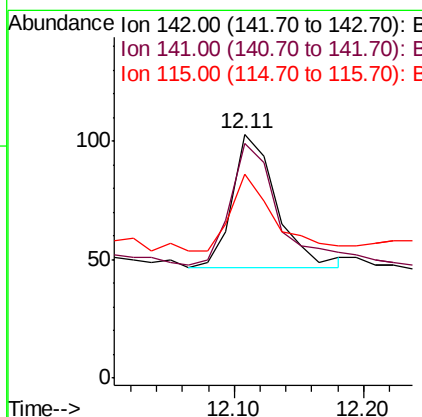
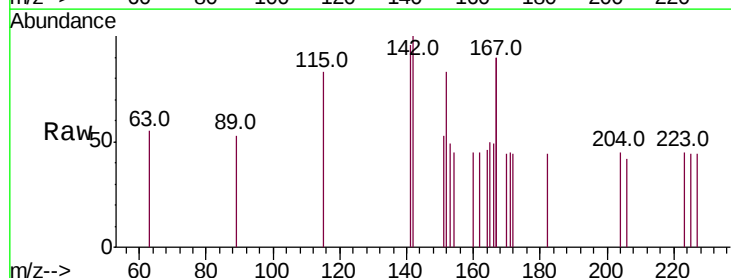
Instrument :
BNA_E
ClientSampled :

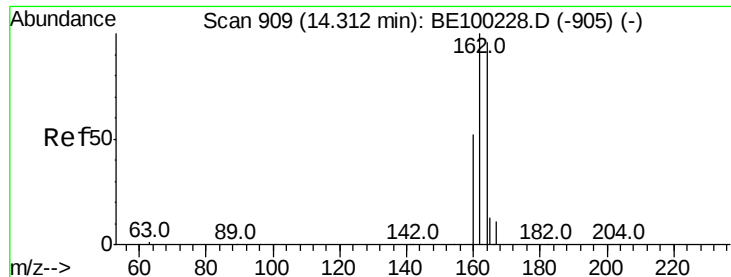
Tot Ion:152 Resp: 1712
Ion Ratio Lower Upper
152 100
151 18.5 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
142 100
141 96.1 72.4 108.6
115 83.5 40.4 60.6#

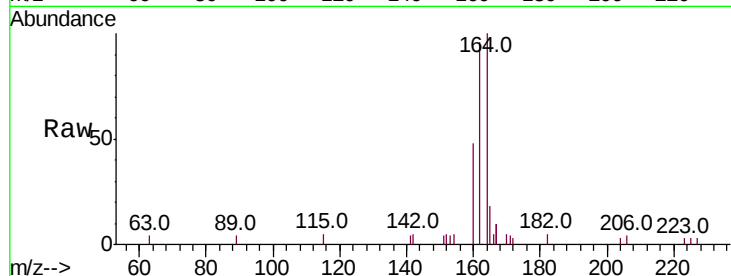




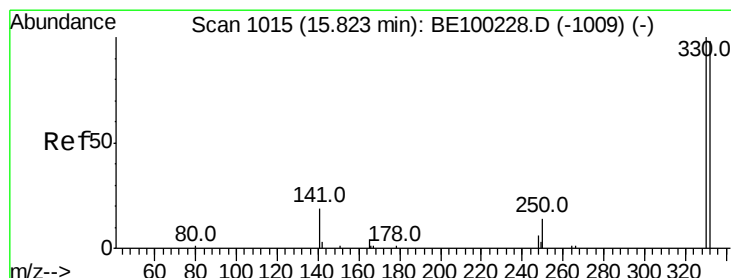
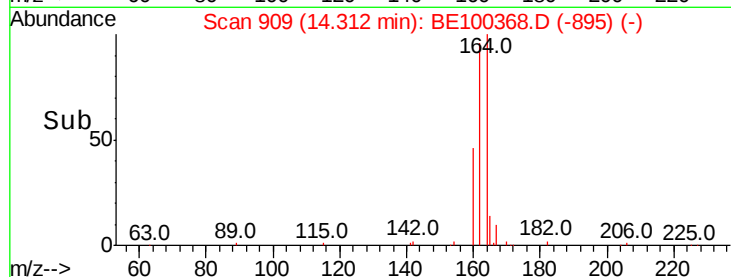
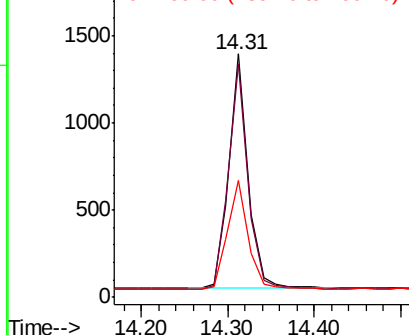
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 2057
Ion Ratio Lower Upper
164 100
162 95.7 83.4 125.0
160 47.8 45.0 67.6

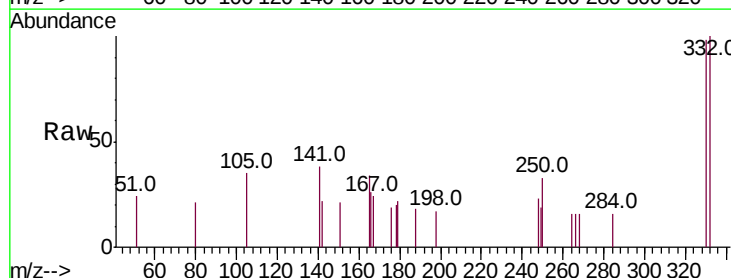


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

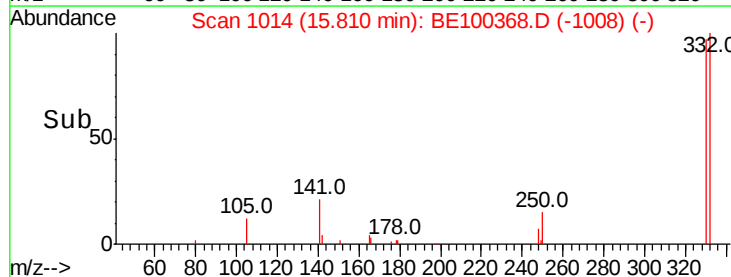
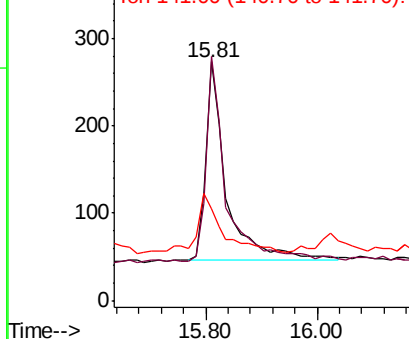


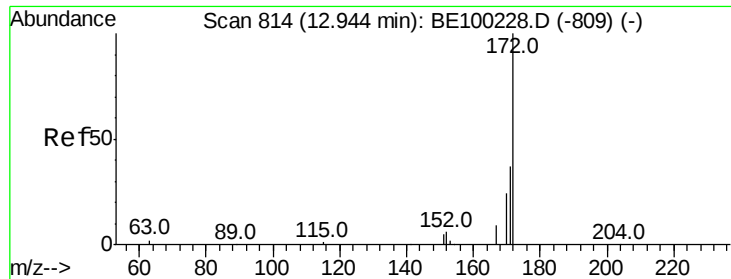
#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:330 Resp: 587
Ion Ratio Lower Upper
330 100
332 98.6 77.0 115.4
141 32.4 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

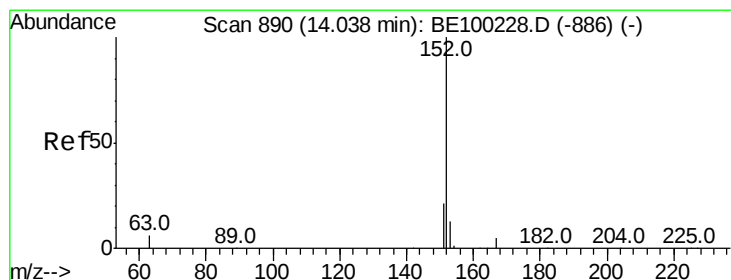
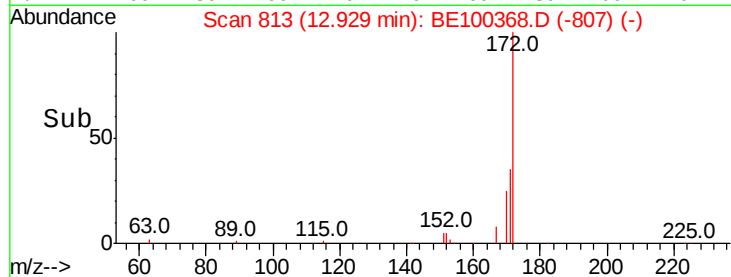
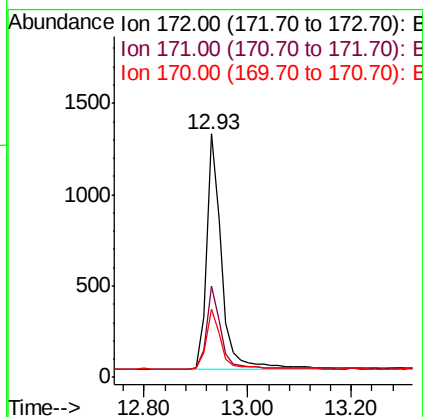
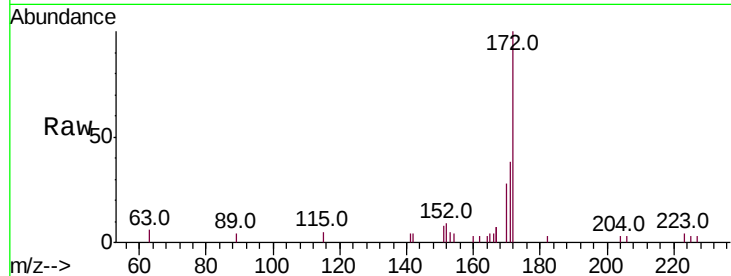




#15
2-Fluorobiphenyl
Concen: 0.326 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

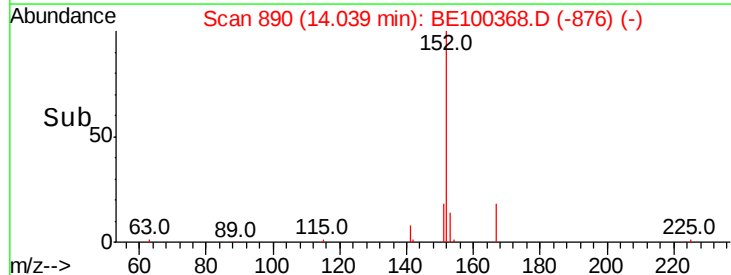
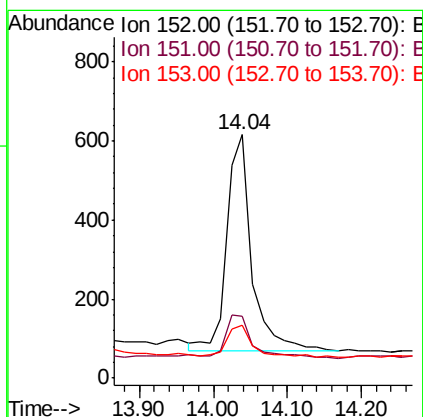
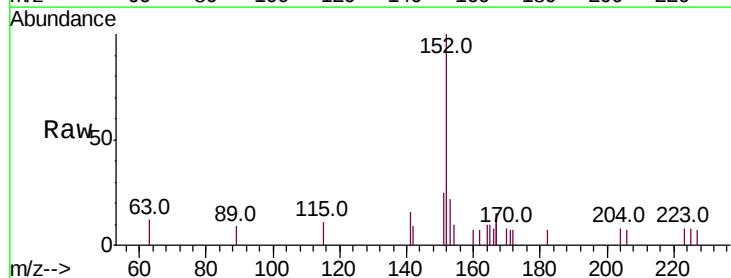
Instrument :
BNA_E
ClientSampleId :

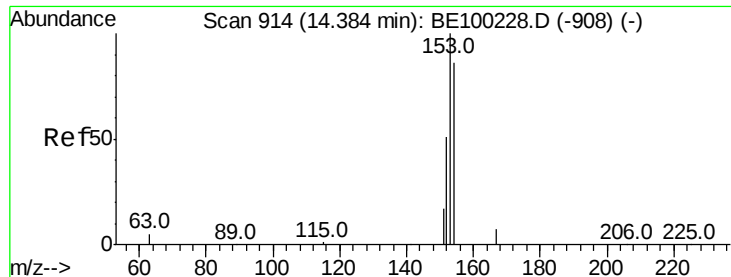
Tot Ion:172 Resp: 2609
Ion Ratio Lower Upper
172 100
171 37.6 31.9 47.9
170 28.1 22.2 33.2



#16
Acenaphthylene
Concen: 0.129 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:152 Resp: 1272
Ion Ratio Lower Upper
152 100
151 25.5 16.6 25.0#
153 16.4 10.5 15.7#

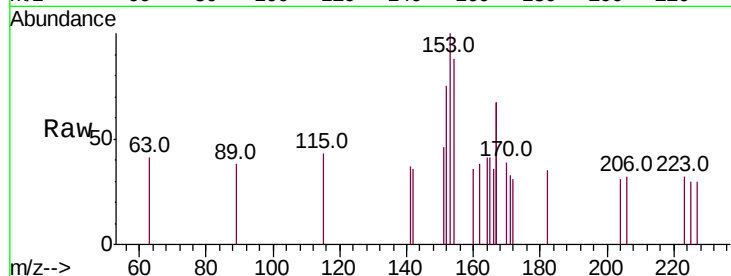




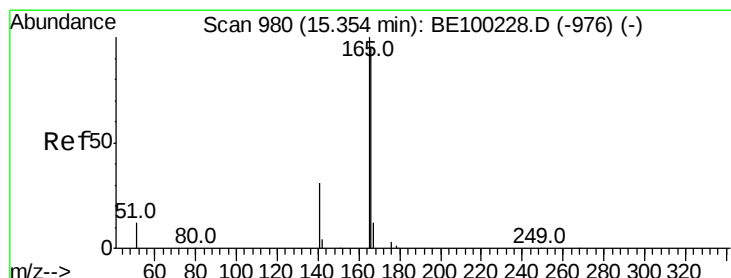
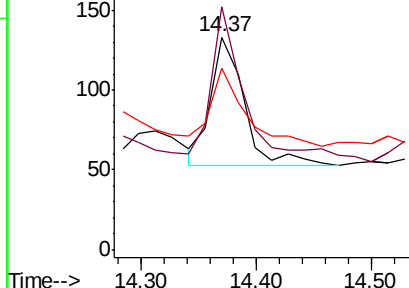
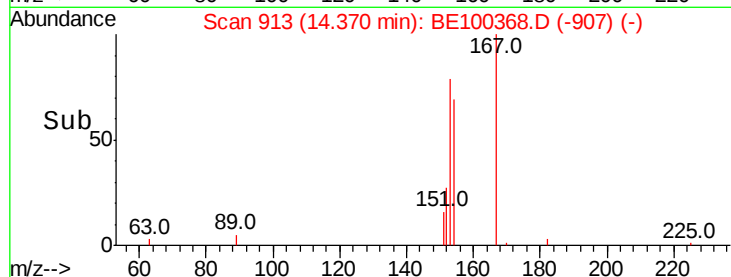
#17
Acenaphthene
Concen: 0.029 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 161
Ion Ratio Lower Upper
154 100
153 103.1 93.4 140.2
152 62.7 49.4 74.2

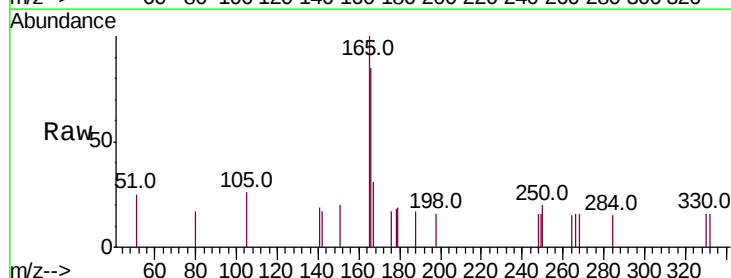


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

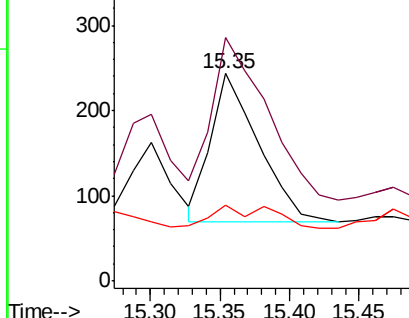
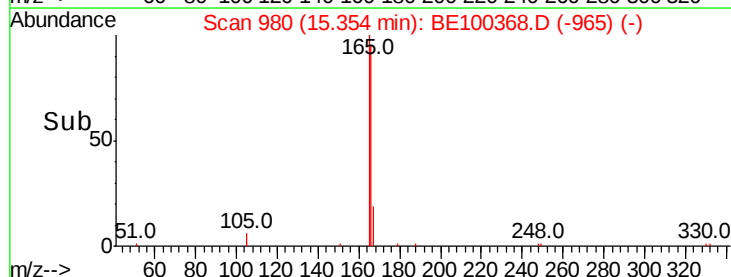


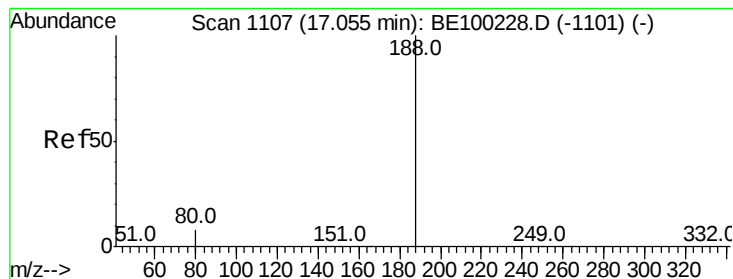
#18
Fluorene
Concen: 0.050 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:166 Resp: 415
Ion Ratio Lower Upper
166 100
165 124.8 81.1 121.7#
167 20.2 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: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampled :

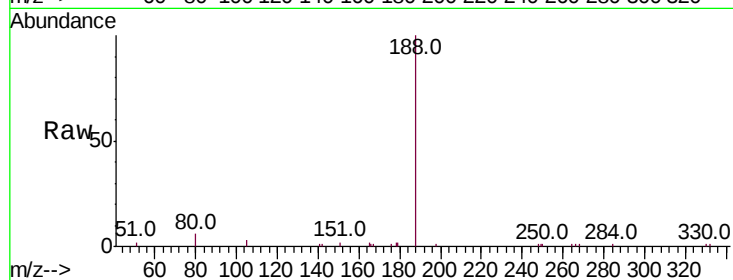
Tot Ion:188 Resp: 6238

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

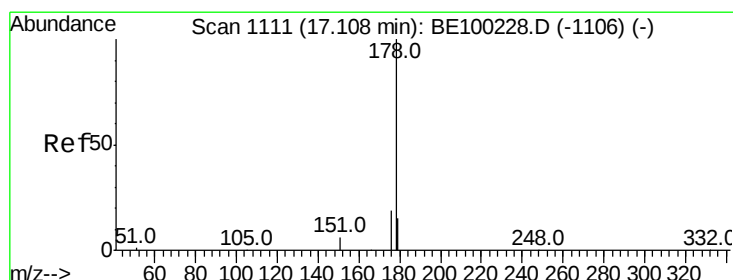
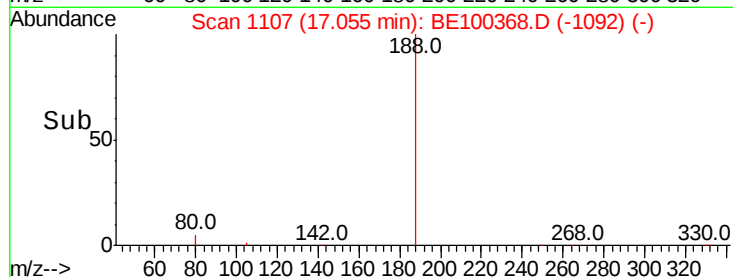
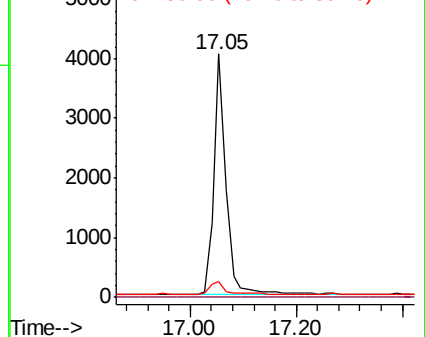
80 6.5 7.6 11.4#



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: 0.700 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

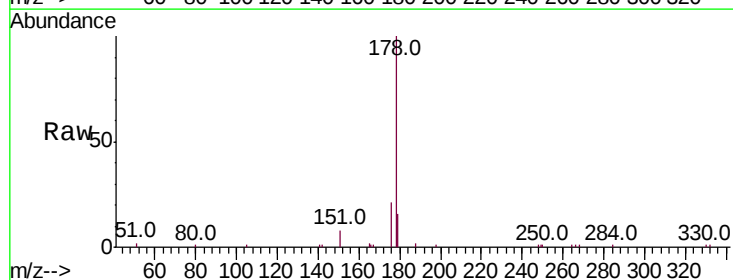
Tgt Ion:178 Resp: 10582

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

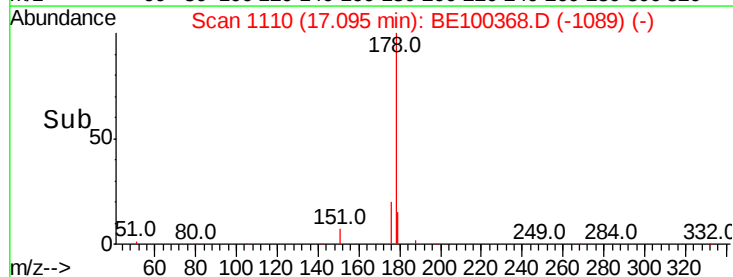
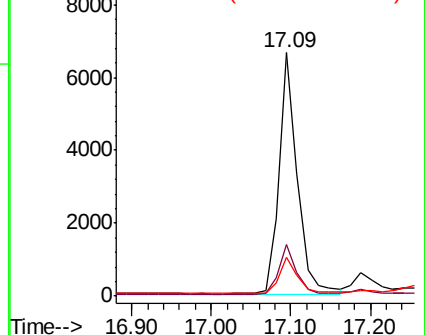
179 16.1 12.2 18.2

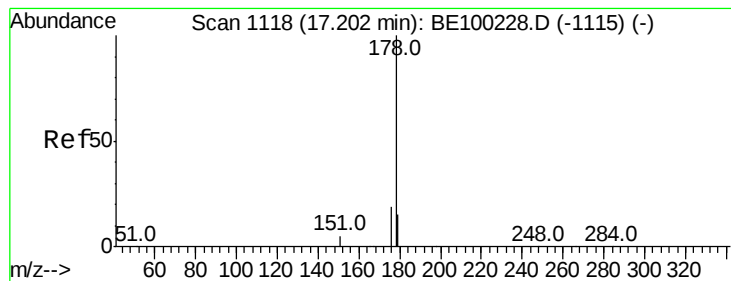


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.069 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

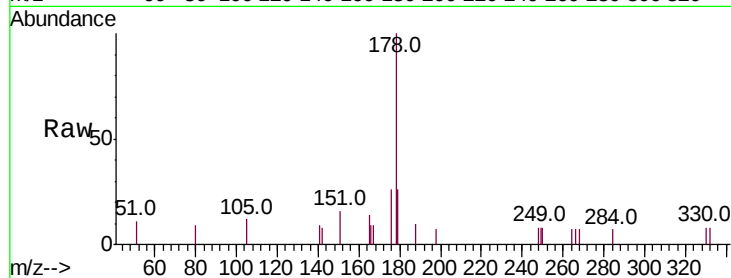
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 937

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.3	22.9
179	8.9	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

4000

3000

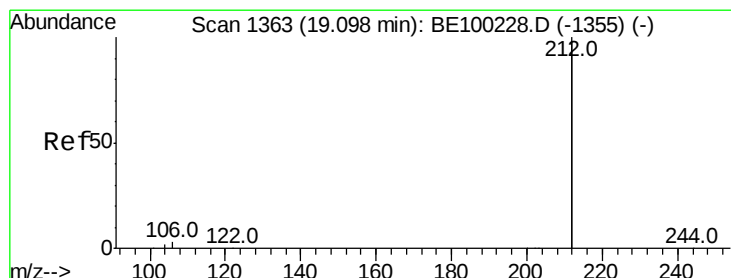
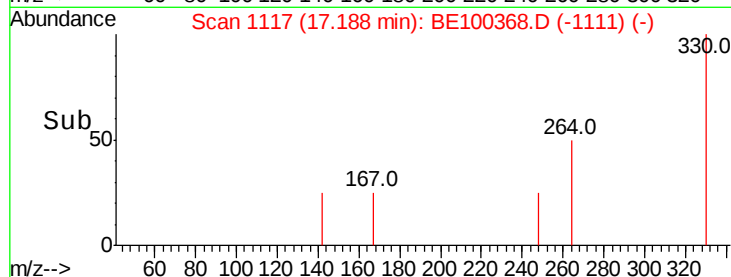
2000

1000

0

17.19

Time-->



#25

Fluoranthene-d10

Concen: 0.304 ng

RT: 19.09 min Scan# 1362

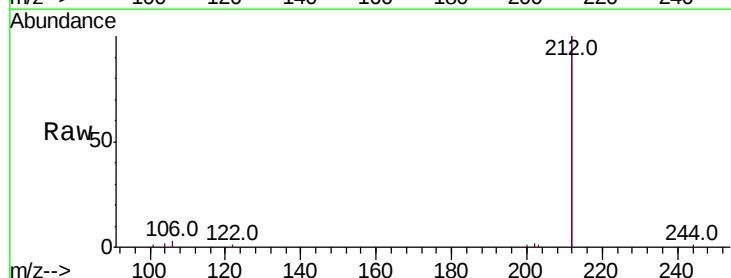
Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Tgt Ion:212 Resp: 27530

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.0	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

25000

20000

15000

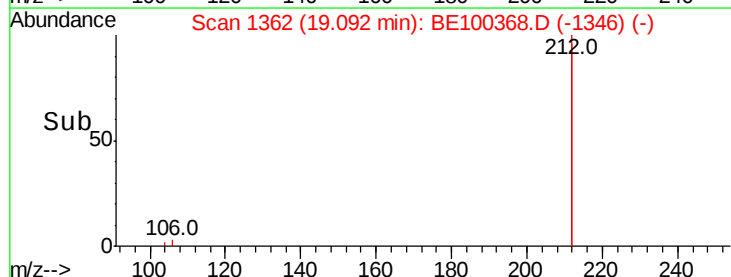
10000

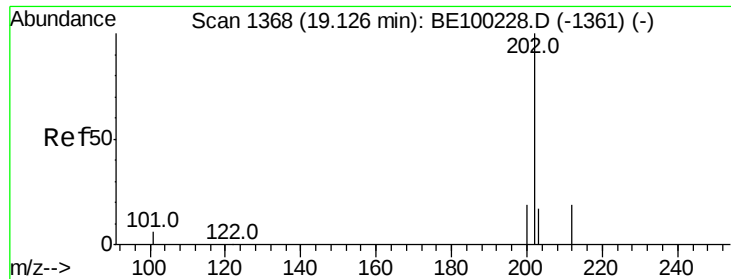
5000

0

19.09

Time-->

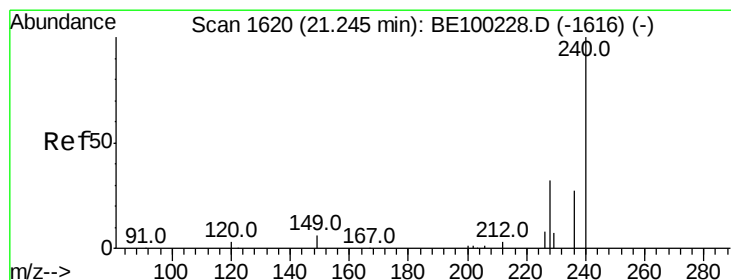
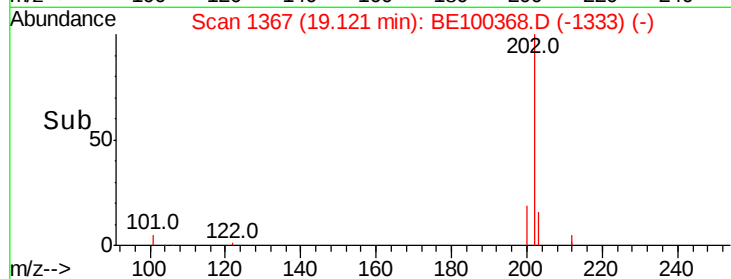
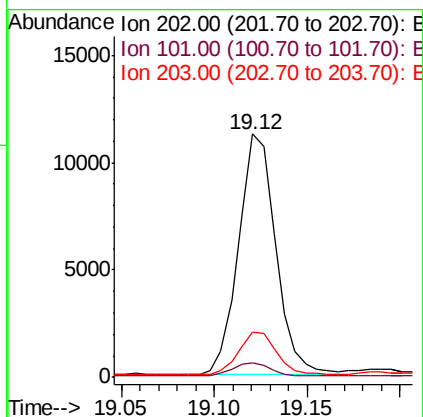
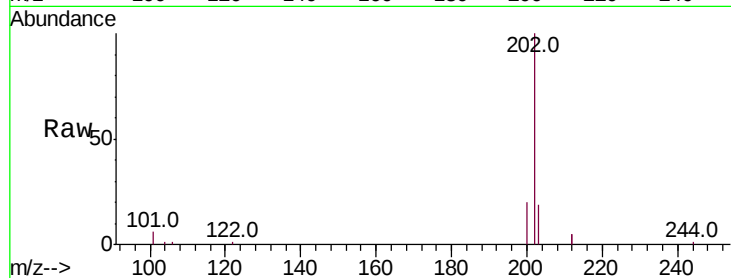




#26
 Fluoranthene
 Concen: 0.652 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE100368.D
 Acq: 4 Jul 2019 15:55

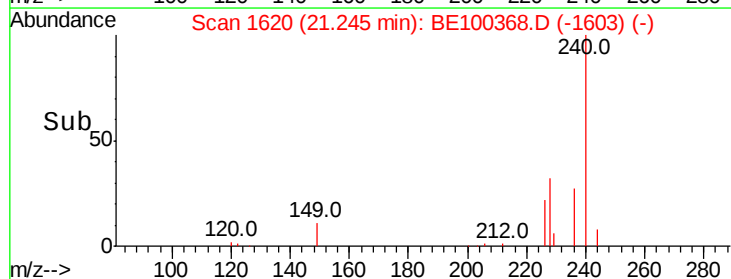
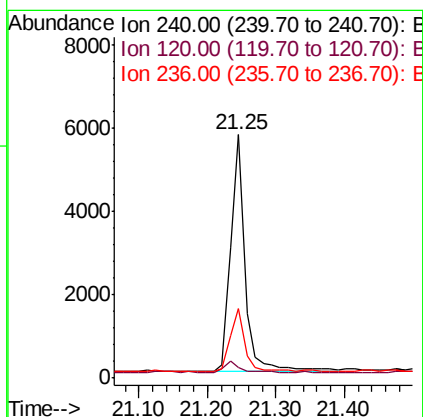
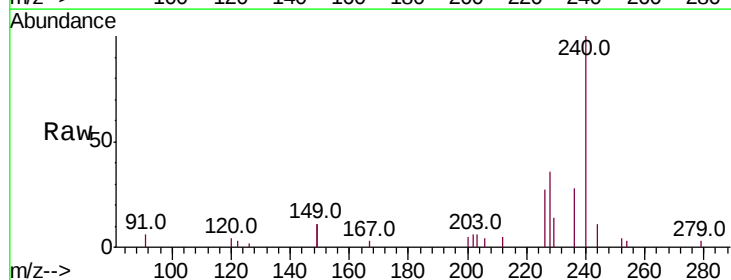
Instrument :
 BNA_E
 ClientSampleId :

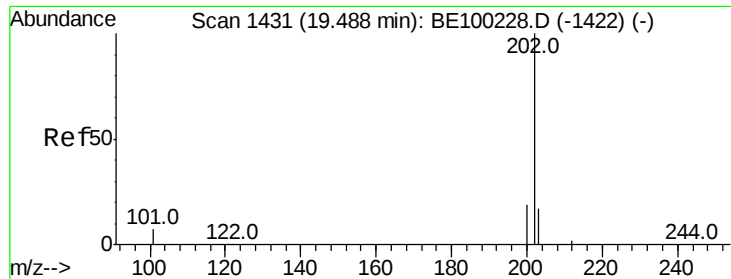
Tot Ion:202 Resp: 15698
 Ion Ratio Lower Upper
 202 100
 101 5.7 4.6 7.0
 203 18.1 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100368.D
 Acq: 4 Jul 2019 15:55

Tgt Ion:240 Resp: 8242
 Ion Ratio Lower Upper
 240 100
 120 4.1 3.3 4.9
 236 28.4 22.6 34.0

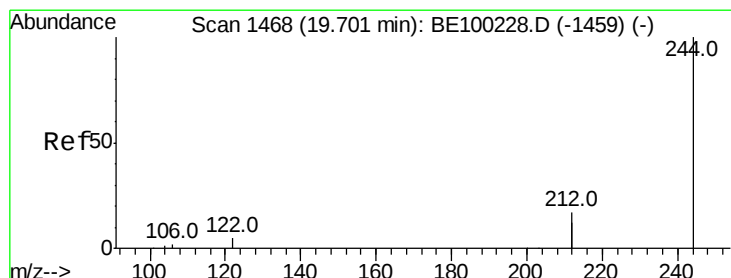
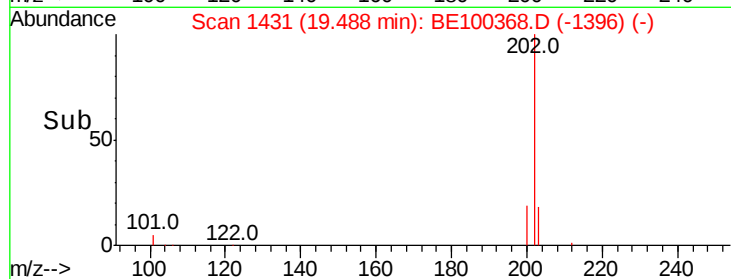
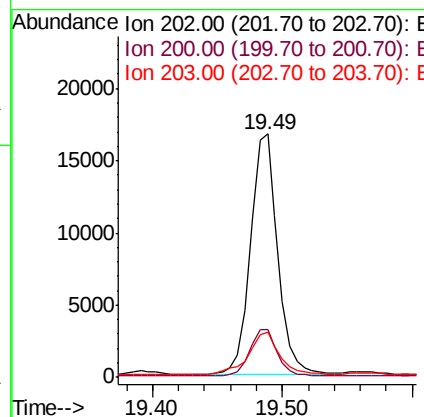
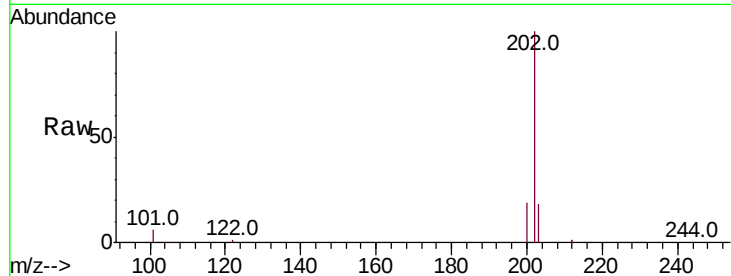




#28
Pvrene
Concen: 1.119 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

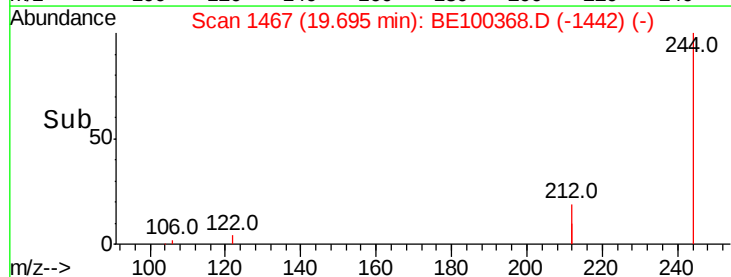
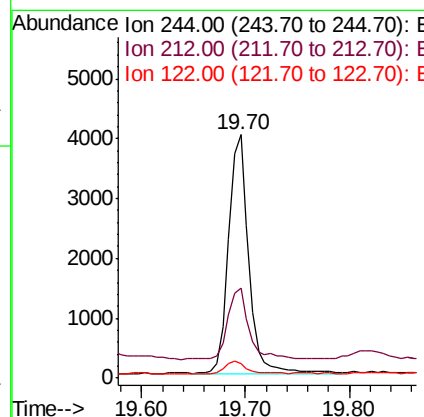
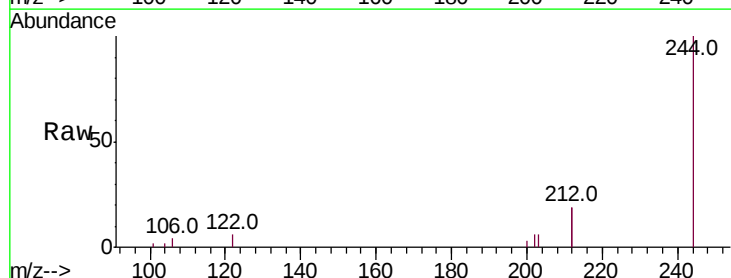
Instrument :
BNA_E
ClientSampleId :

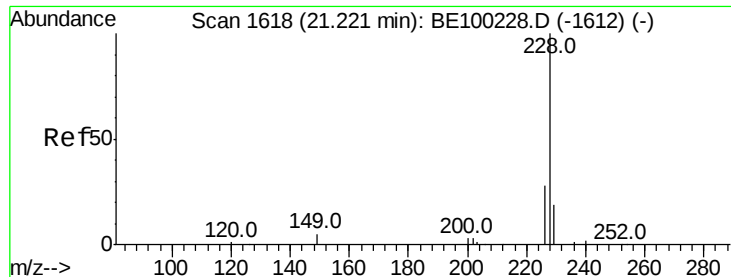
Tot Ion:202 Resp: 24411
Ion Ratio Lower Upper
202 100
200 19.8 15.6 23.4
203 20.5 14.0 21.0



#29
Terphenyl-d14
Concen: 0.315 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:244 Resp: 5384
Ion Ratio Lower Upper
244 100
212 37.0 27.3 40.9
122 5.9 4.7 7.1

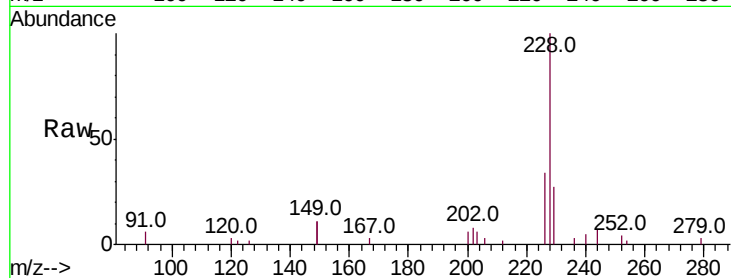




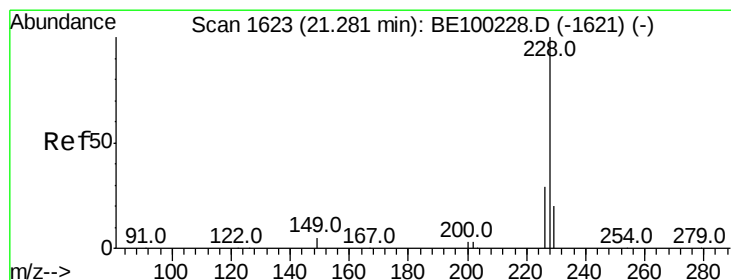
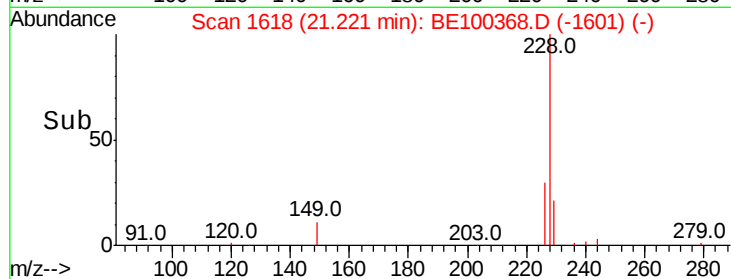
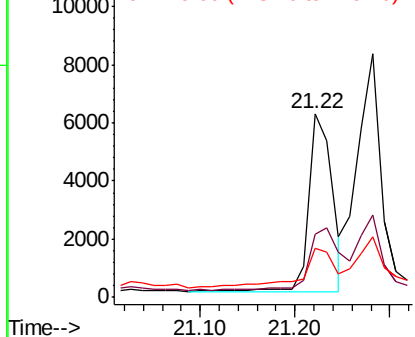
#30
Benzo(a)anthracene
Concen: 0.386 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Instrument :
BNA_E
ClientSampled :

Tot Ion:228 Resp: 10469
Ion Ratio Lower Upper
228 100
226 34.1 23.2 34.8
229 26.7 15.7 23.5#

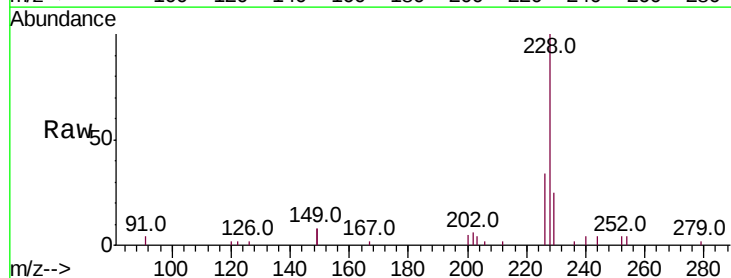


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

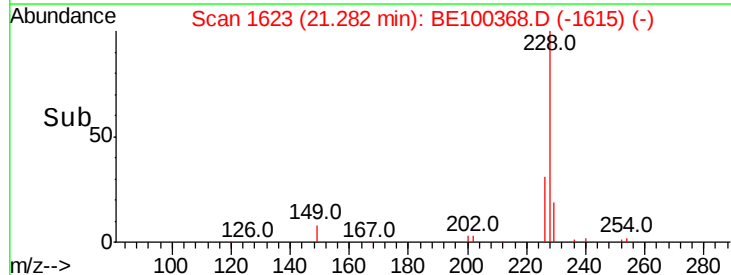
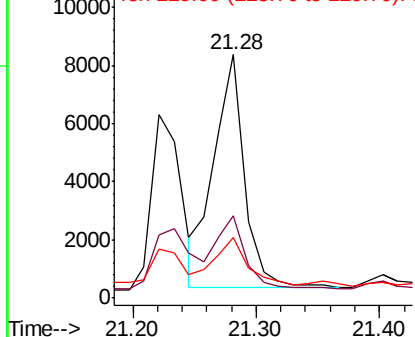


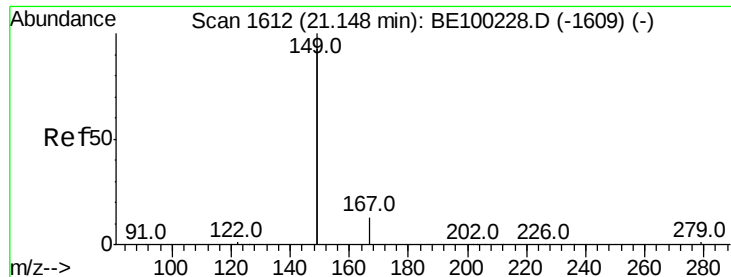
#31
Chrysene
Concen: 0.507 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:228 Resp: 13798
Ion Ratio Lower Upper
228 100
226 33.6 23.9 35.9
229 25.0 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: 0.156 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampleId :

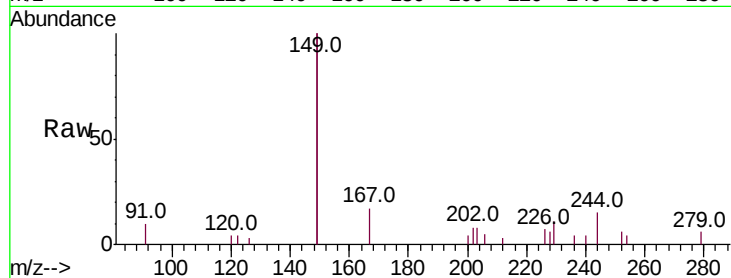
Tot Ion:149 Resp: 8163

Ion Ratio Lower Upper

149 100

167 7.1 5.8 8.8

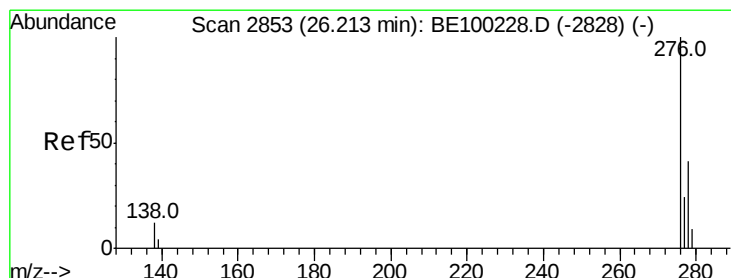
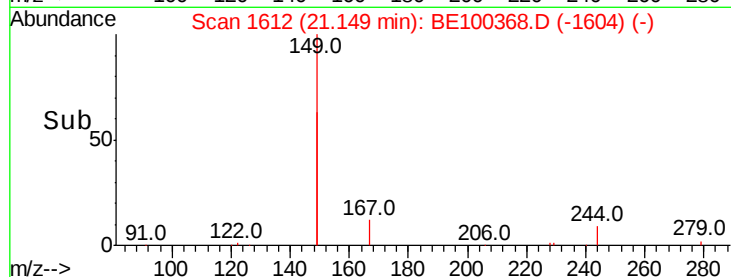
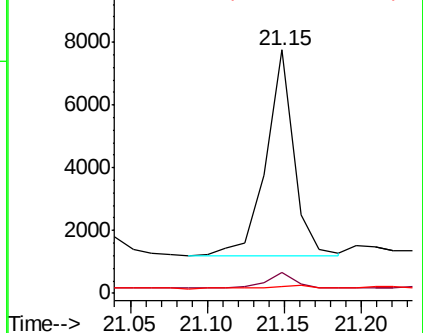
279 2.5 1.1 1.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.149 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

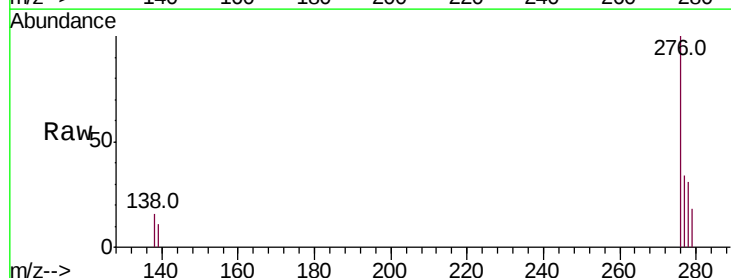
Tgt Ion:276 Resp: 5375

Ion Ratio Lower Upper

276 100

138 9.2 9.4 14.0#

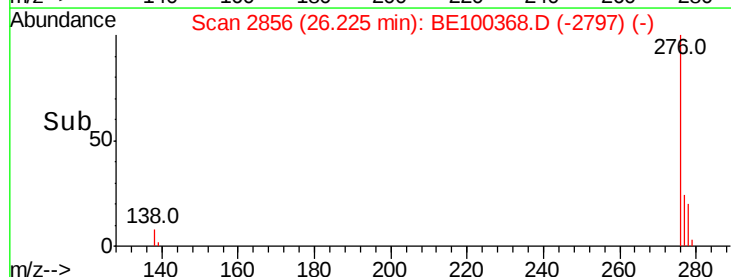
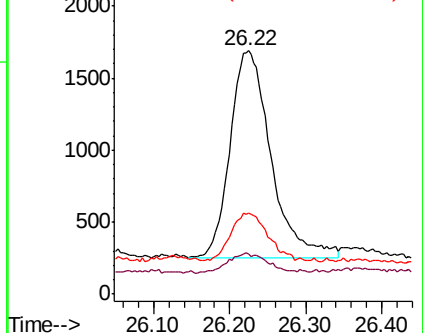
277 20.7 19.2 28.8

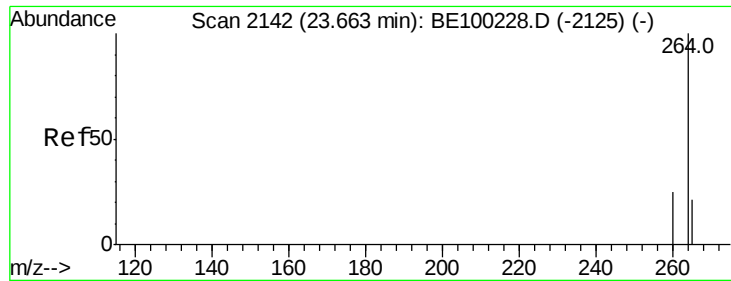


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

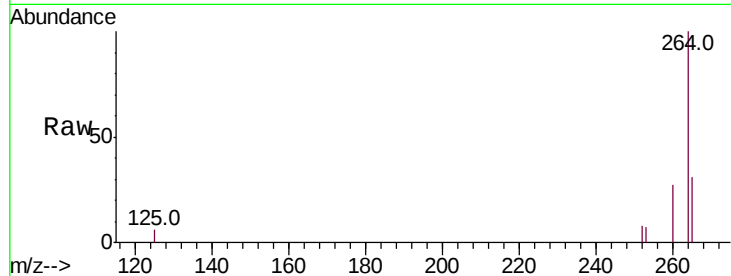




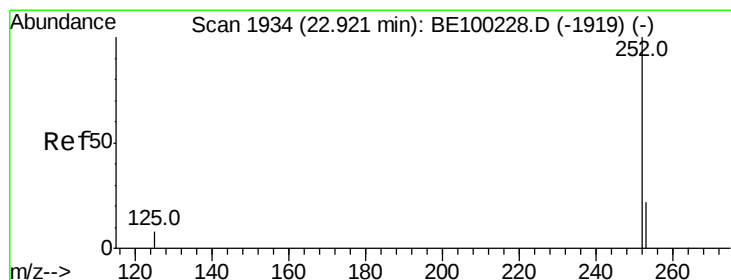
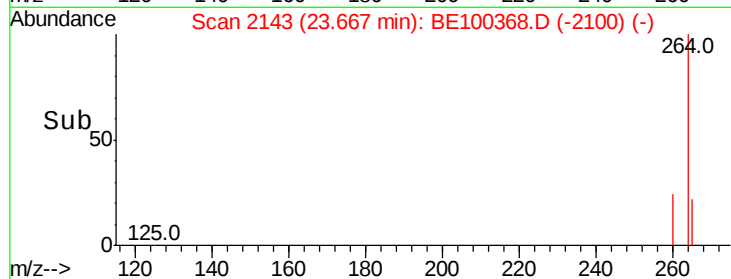
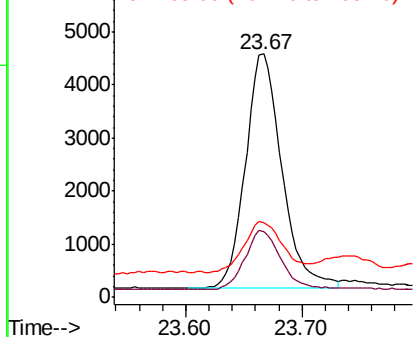
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 9710
Ion Ratio Lower Upper
264 100
260 26.9 20.8 31.2
265 30.9 21.8 32.6

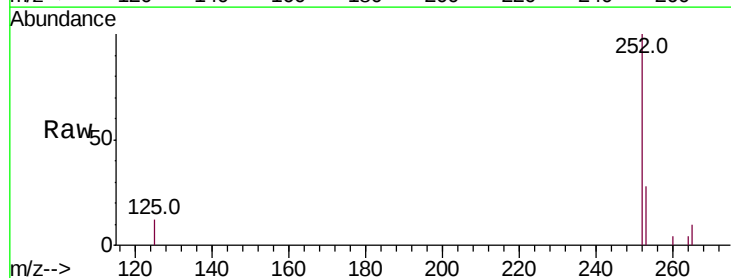


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

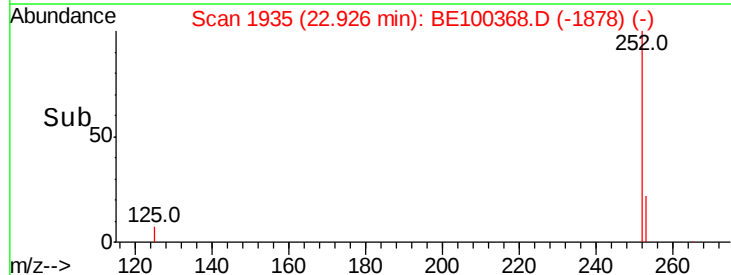
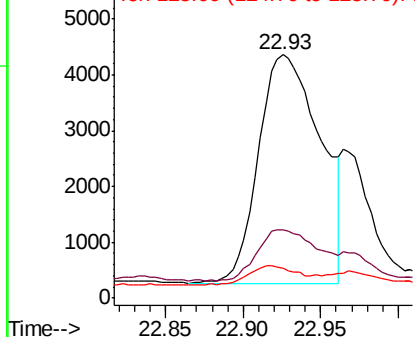


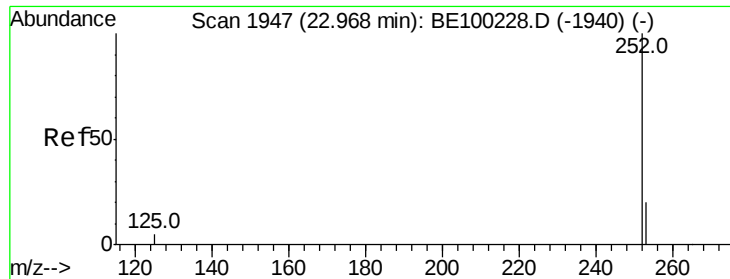
#35
Benzo(b)fluoranthene
Concen: 0.430 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100368.D
Acq: 4 Jul 2019 15:55

Tgt Ion:252 Resp: 11318
Ion Ratio Lower Upper
252 100
253 28.3 19.2 28.8
125 12.3 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: 0.385 ng

RT: 22.93 min Scan# 1935

Delta R.T. -0.04 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampleId :

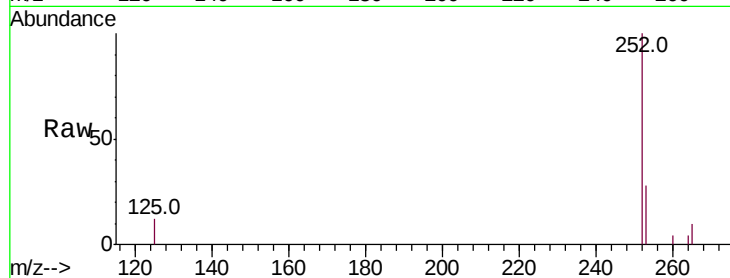
Tot Ion:252 Resp: 11318

Ion Ratio Lower Upper

252 100

253 28.3 17.9 26.9#

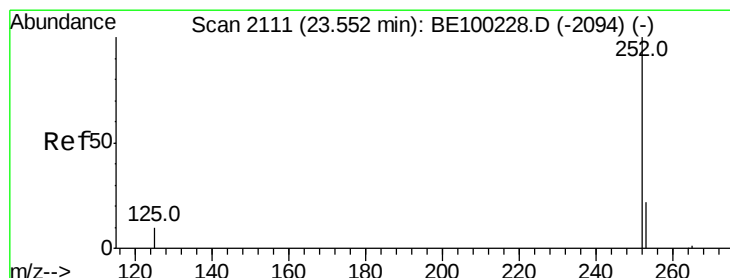
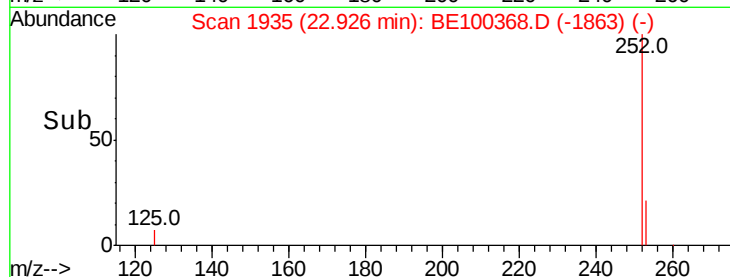
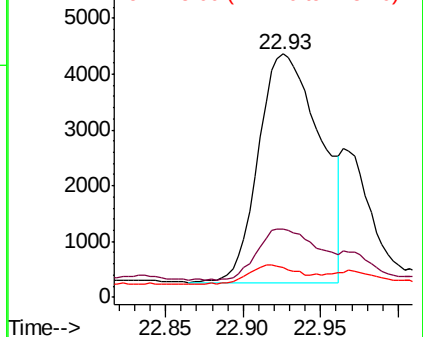
125 12.3 5.0 7.4#



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: 0.276 ng

RT: 23.45 min Scan# 2083

Delta R.T. -0.10 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

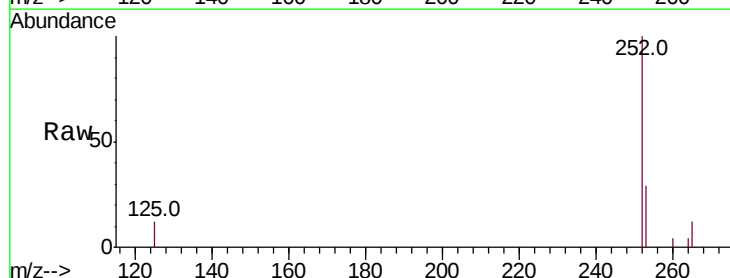
Tgt Ion:252 Resp: 7286

Ion Ratio Lower Upper

252 100

253 28.7 19.6 29.4

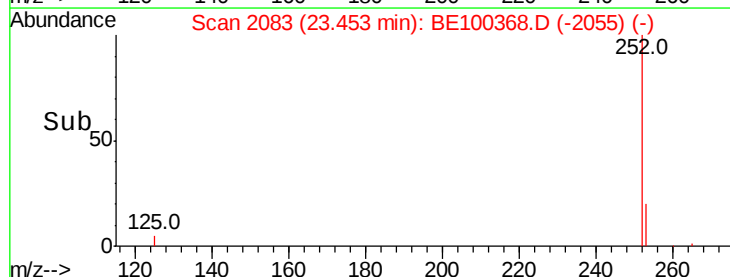
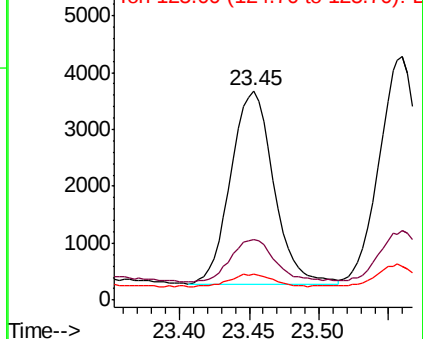
125 12.2 9.0 13.6

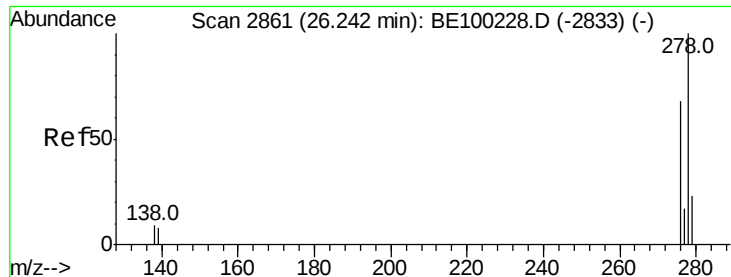


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.052 ng

RT: 26.24 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

Instrument :

BNA_E

ClientSampleId :

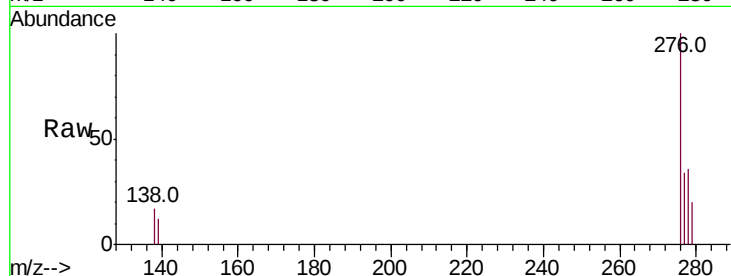
Tot Ion:278 Resp: 1427

Ion Ratio Lower Upper

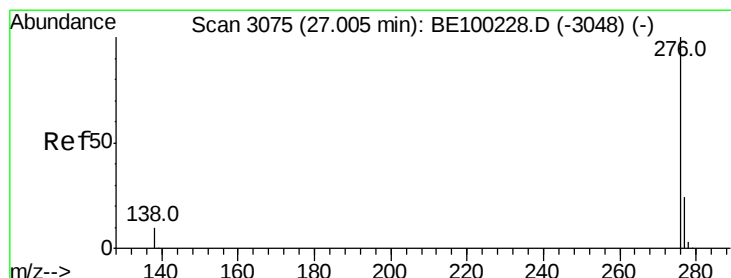
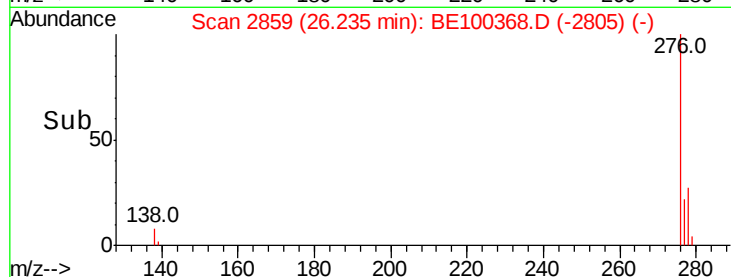
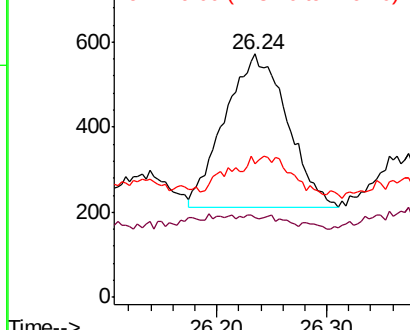
278 100

139 32.7 8.2 12.2#

279 55.1 20.3 30.5#



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



#39

Benzo(g,h,i)perylene

Concen: 0.216 ng

RT: 27.02 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BE100368.D

Acq: 4 Jul 2019 15:55

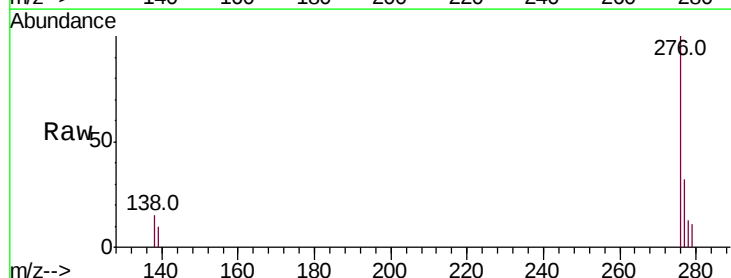
Tgt Ion:276 Resp: 6124

Ion Ratio Lower Upper

276 100

277 31.5 20.2 30.2#

138 15.2 9.0 13.6#



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

