

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
 Data File : BE100454.D
 Acq On : 17 Jul 2019 18:16
 Operator : HP/JU
 Sample : K3818-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 02:09:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 14:03:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	71	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	27	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	416	0.40	ng	-0.03
19) Phenanthrene-d10	17.23	188	95	0.40	ng	0.00
27) Chrysene-d12	21.35	240	1879	0.40	ng	-0.04
34) Perylene-d12	23.88	264	1864	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.47	112	3713	27.49	ng	0.00
5) Phenol-d6	7.05	99	5417	27.14	ng	0.00
8) Nitrobenzene-d5	9.03	82	2874	192.85	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	11474	280.89	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1171	12.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	9564	5.13	ng	0.00
25) Fluoranthene-d10	19.25	212	84920	75.03	ng	0.00
29) Terphenyl-d14	19.79	244	638	0.14	ng	-0.06

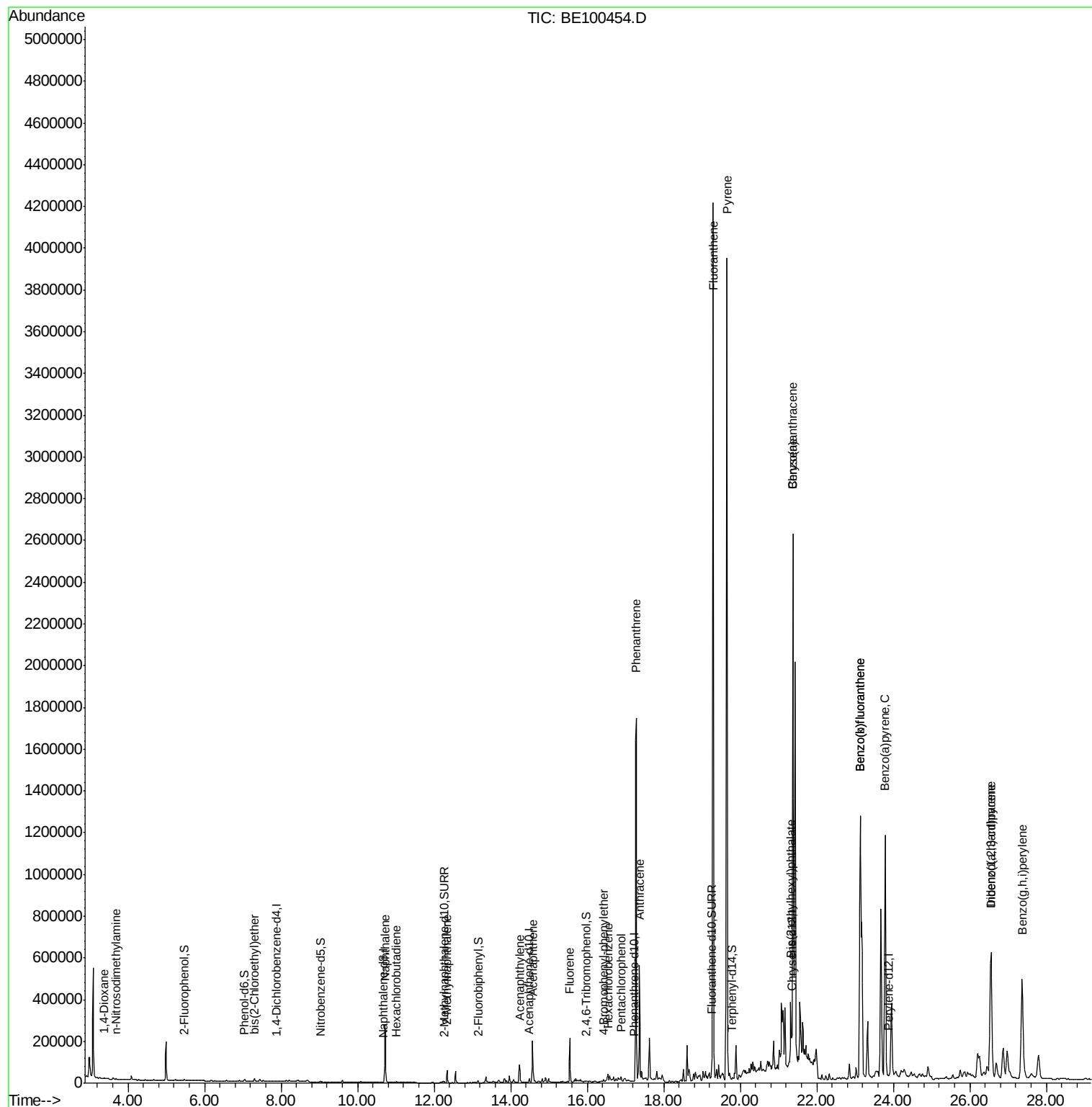
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	2088	25.316	ng	# 66
3) n-Nitrosodimethylamine	3.68	42	1654	26.882	ng	# 55
6) bis(2-Chloroethyl)ether	7.30	93	5124	25.403	ng	87
9) Naphthalene	10.72	128	470697	1789.246	ng	100
10) Hexachlorobutadiene	11.02	225	2439	191.375	ng	97
12) 2-Methylnaphthalene	12.34	142	43033	978.597	ng	99
16) Acenaphthylene	14.23	152	103550	61.541	ng	98
17) Acenaphthene	14.57	154	94883	82.070	ng	96
18) Fluorene	15.54	166	143519	96.259	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	3723	75.096	ng	# 87
21) Hexachlorobenzene	16.55	284	3624	62.549	ng	# 89
22) Pentachlorophenol	16.88	266	4010	290.488	ng	93
23) Phenanthrene	17.28	178	2143997	8470.172	ng	99
24) Anthracene	17.36	178	576761	2760.805	ng	97
26) Fluoranthene	19.29	202	3873477	12040.283	ng	97
28) Pyrene	19.65	202	3771598	686.146	ng	# 90
30) Benzo(a)anthracene	21.38	228	2328972	456.684	ng	95
31) Chrysene	21.38	228	2282440	376.881	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	313044	85.585	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.55	276	1200049	222.880	ng	97
35) Benzo(b)fluoranthene	23.13	252	2489538	437.132	ng	97
36) Benzo(k)fluoranthene	23.13	252	2489538	413.090	ng	97
37) Benzo(a)pyrene	23.78	252	1897303	405.149	ng	97
38) Dibenzo(a,h)anthracene	26.56	278	339116	67.918	ng	# 90
39) Benzo(g,h,i)perylene	27.37	276	1200172	229.844	ng	99

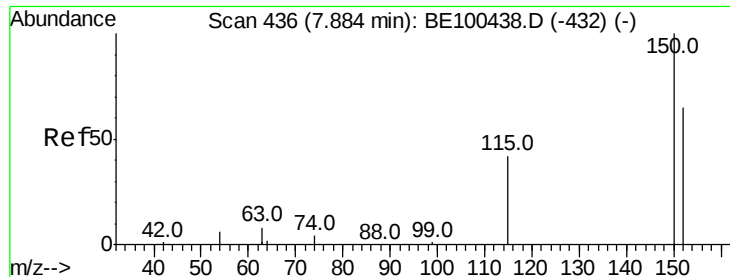
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
Data File : BE100454.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 19:06:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 16 14:03:26 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

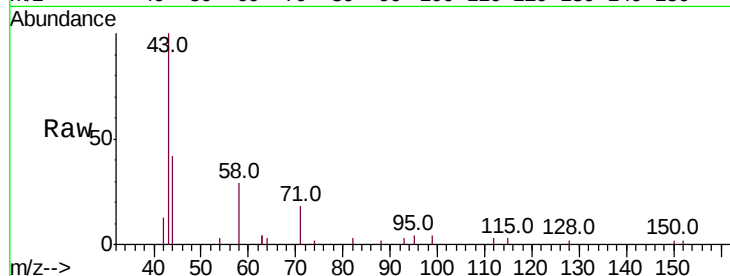
Tot Ion:152 Resp: 71

Ion Ratio Lower Upper

152 100

150 93.7 121.7 182.5#

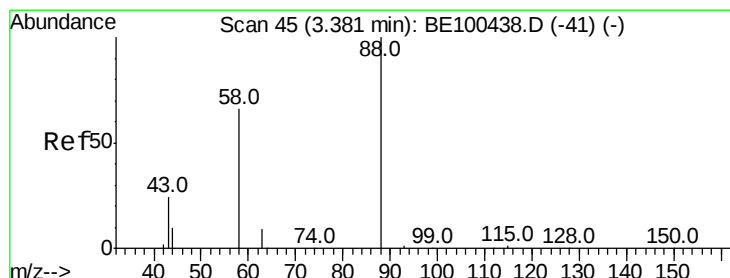
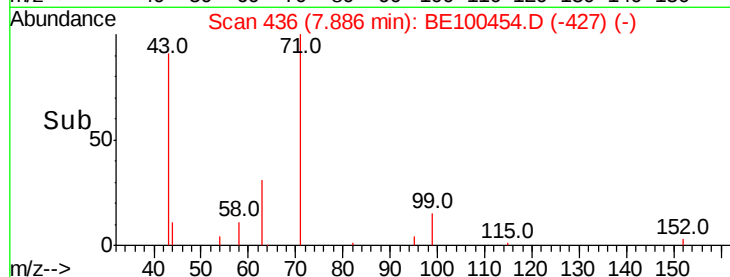
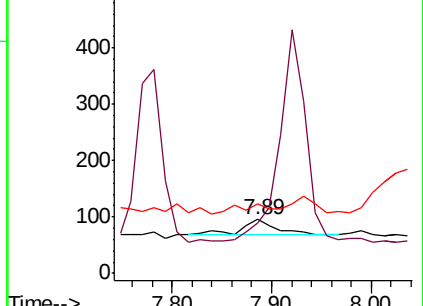
115 130.5 52.4 78.6#



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: 25.316 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

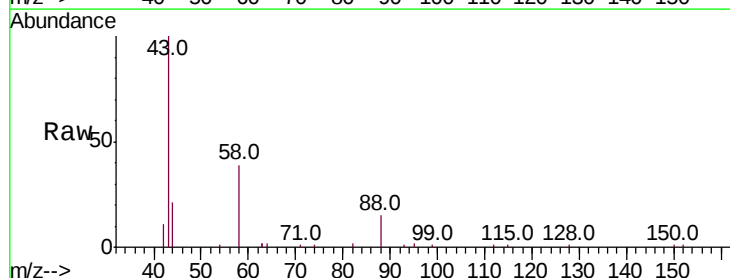
Tgt Ion: 88 Resp: 2088

Ion Ratio Lower Upper

88 100

58 93.0 57.8 86.8#

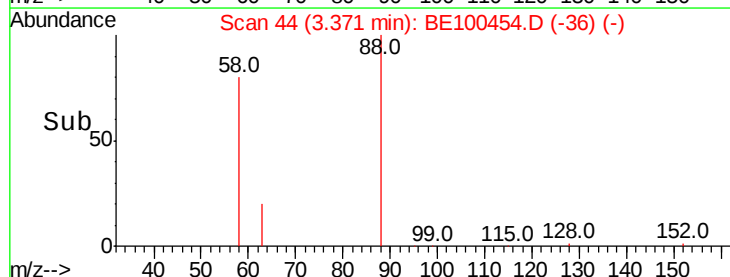
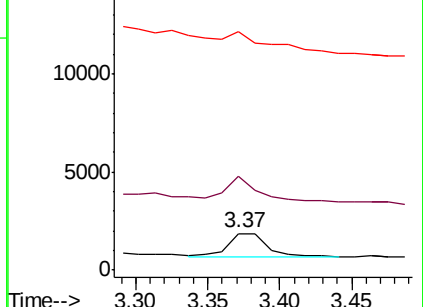
43 0.0 25.0 37.6#

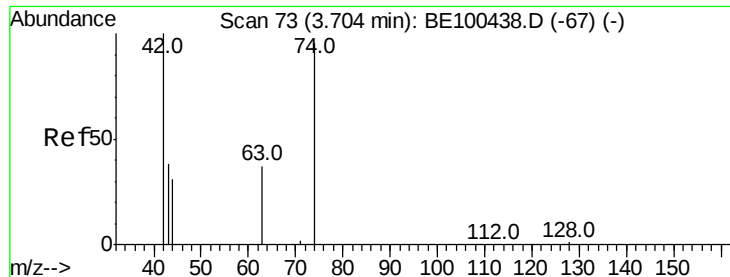


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 26.882 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

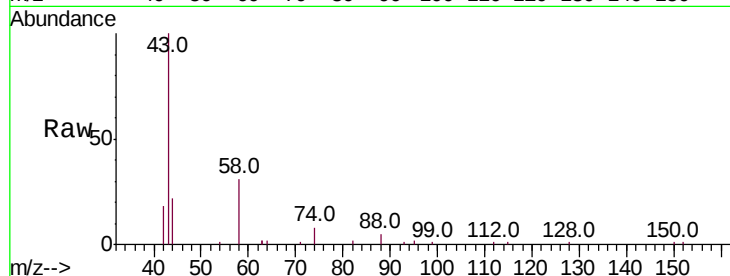
Tot Ion: 42 Resp: 1654

Ion Ratio Lower Upper

42 100

74 151.1 85.3 127.9#

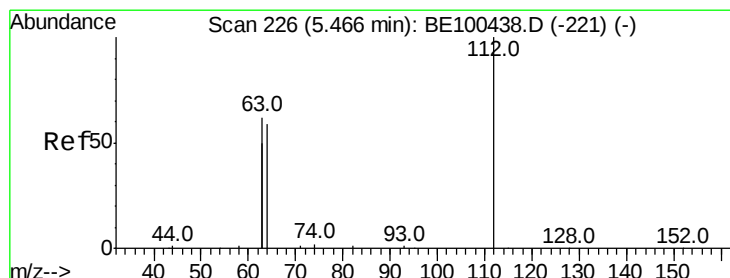
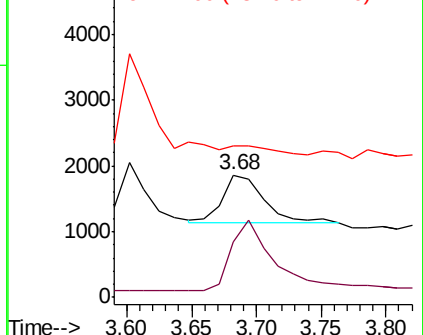
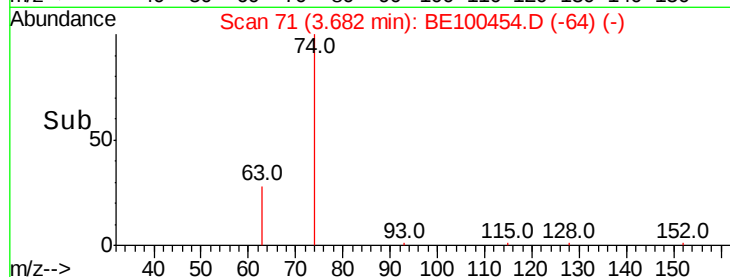
44 0.0 21.8 32.8#



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: 27.487 ng

RT: 5.47 min Scan# 226

Delta R.T. 0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

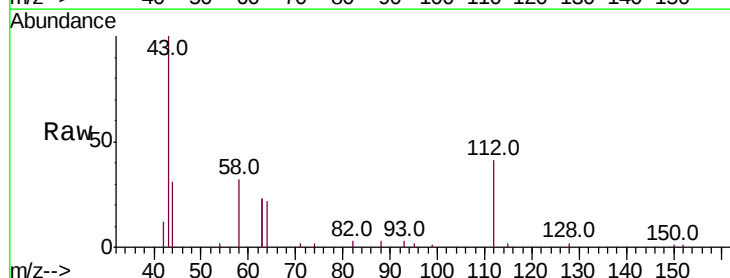
Tgt Ion: 112 Resp: 3713

Ion Ratio Lower Upper

112 100

64 66.7 55.0 82.4

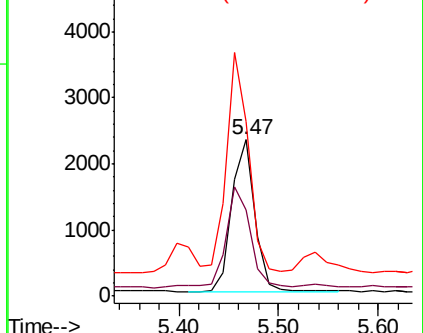
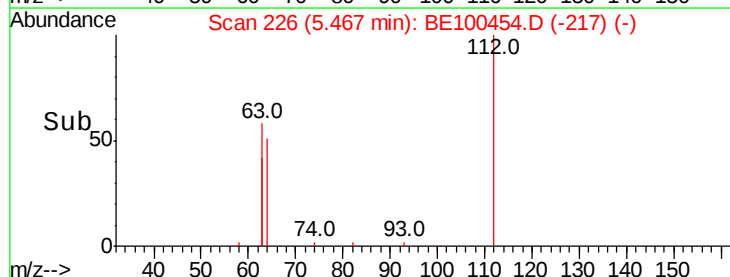
63 133.1 114.8 172.2

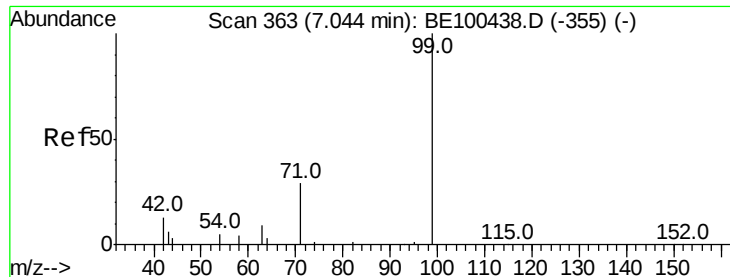


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 27.139 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

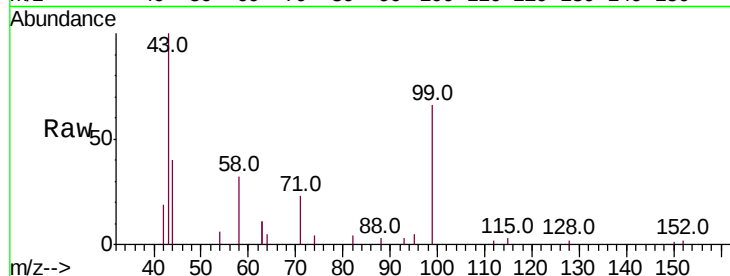
Tot Ion: 99 Resp: 5417

Ion Ratio Lower Upper

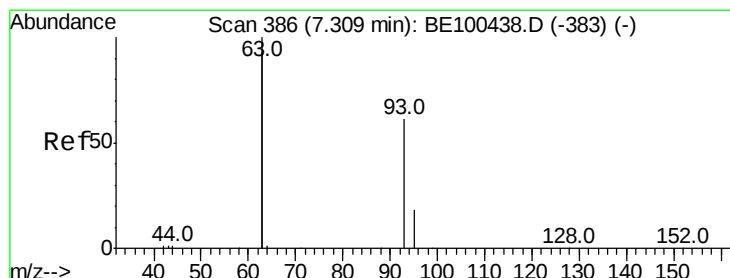
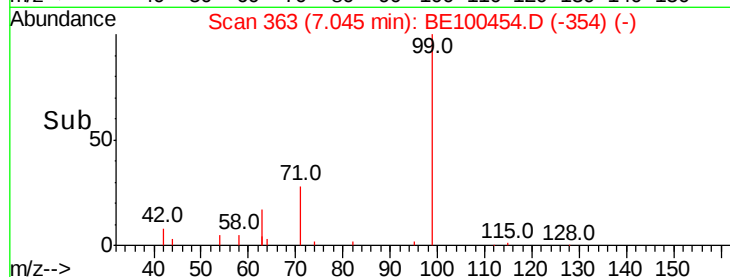
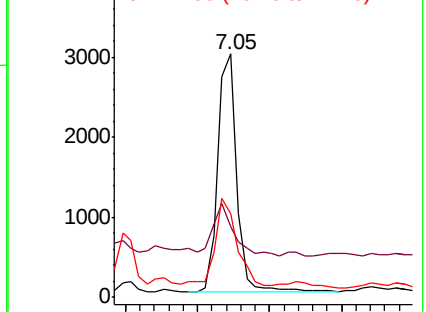
99 100

42 23.5 17.4 26.2

71 41.9 28.2 42.4



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



#6

bis(2-Chloroethyl)ether

Concen: 25.403 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

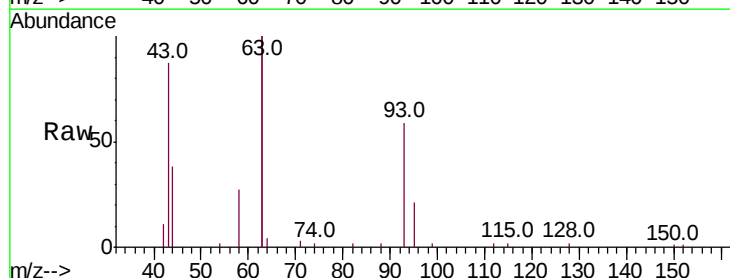
Tgt Ion: 93 Resp: 5124

Ion Ratio Lower Upper

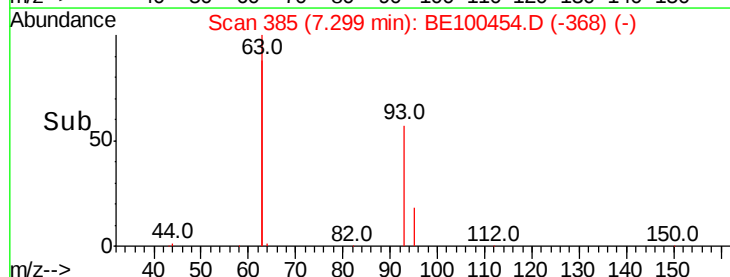
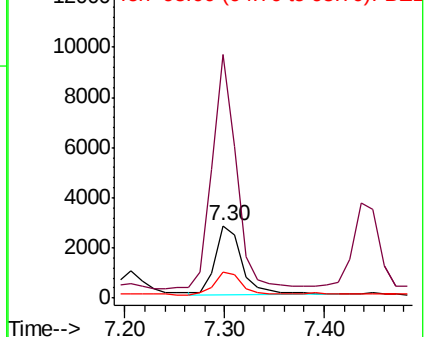
93 100

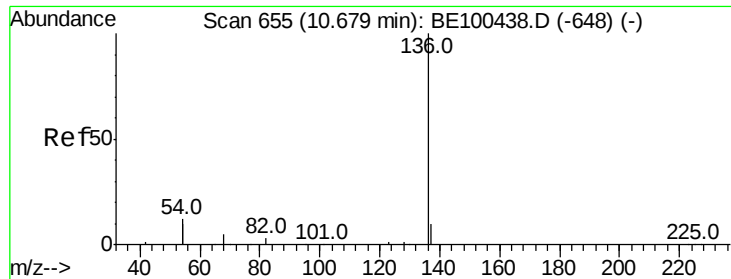
63 304.4 266.9 400.3

95 32.2 26.8 40.2



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 27

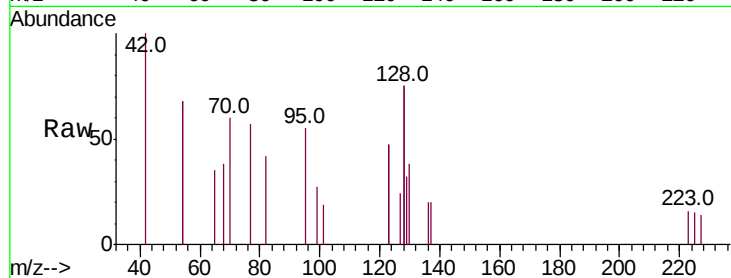
Ion Ratio Lower Upper

136 100

137 101.2 8.7 13.1#

54 684.0 19.6 29.4#

68 191.4 4.4 6.6#

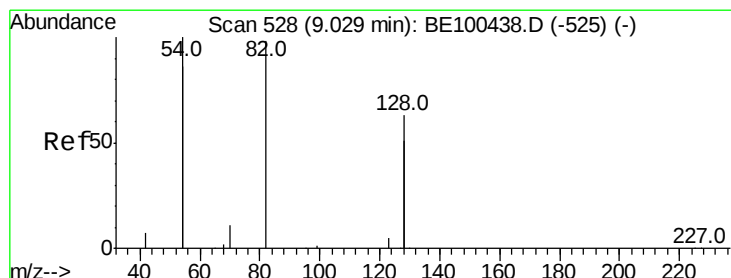
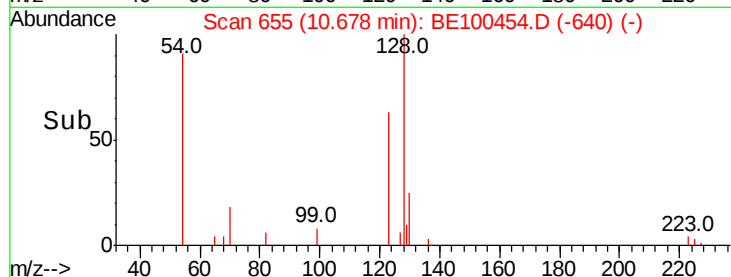
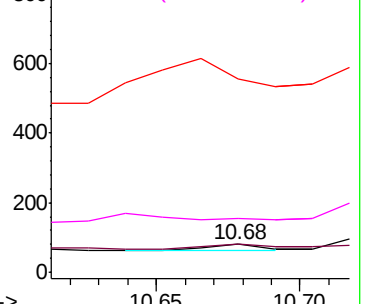


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 192.846 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

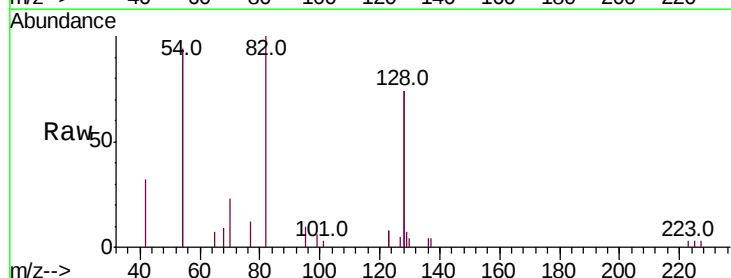
Tgt Ion: 82 Resp: 2874

Ion Ratio Lower Upper

82 100

128 147.9 97.9 146.9#

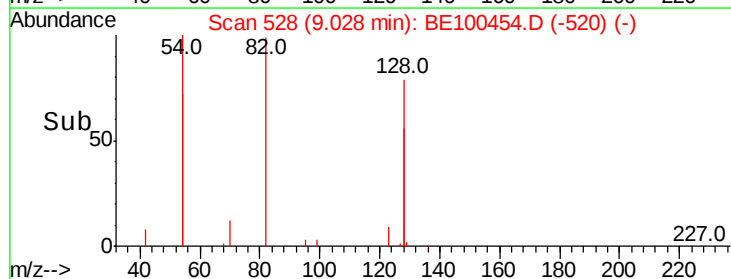
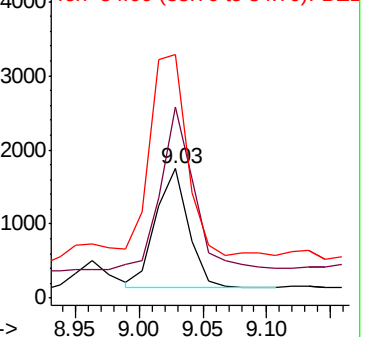
54 188.0 155.0 232.6

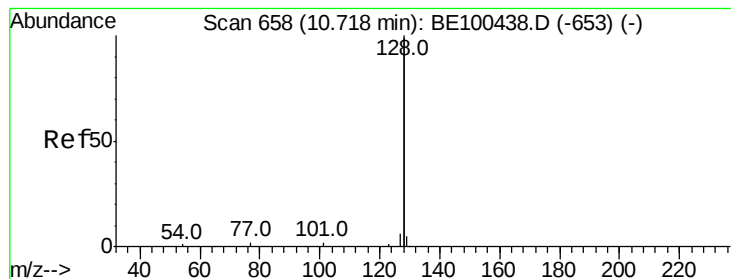


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1789.246 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

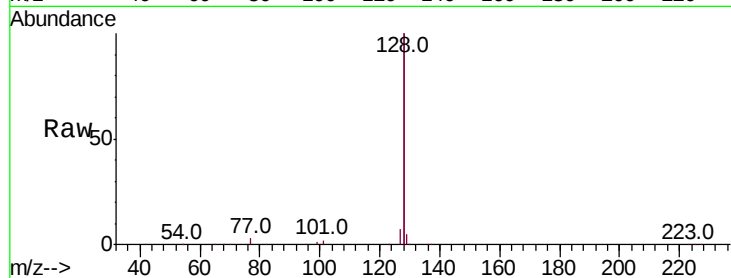
Tot Ion:128 Resp: 470697

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

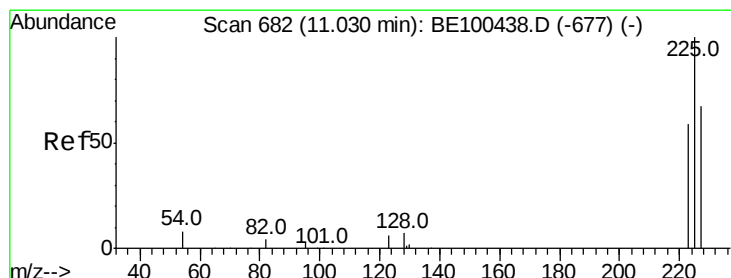
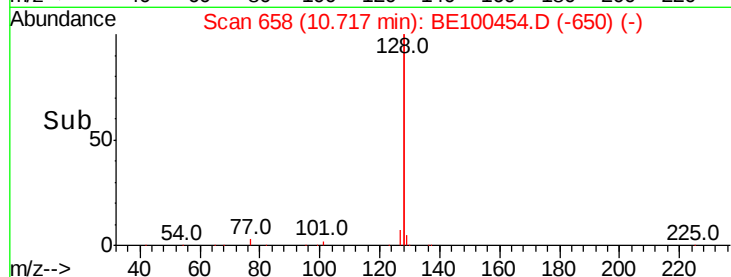
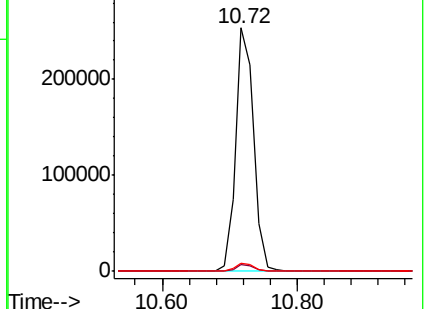
127 3.3 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 191.375 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.01 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

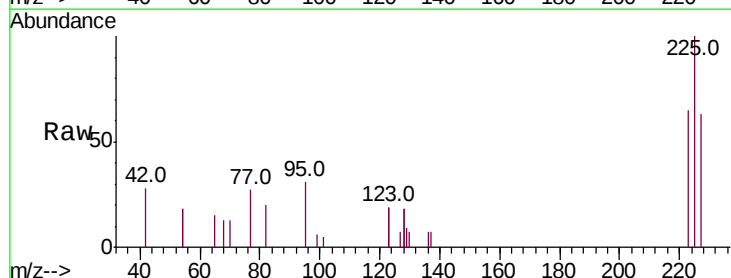
Tgt Ion:225 Resp: 2439

Ion Ratio Lower Upper

225 100

223 63.3 49.8 74.8

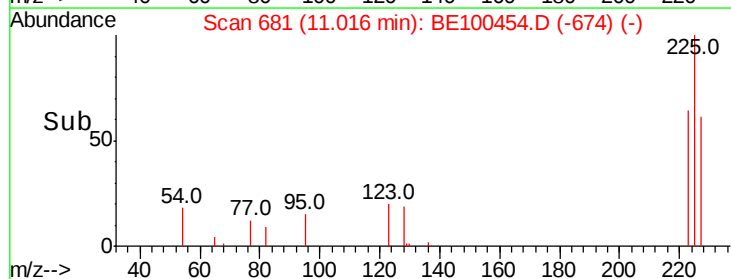
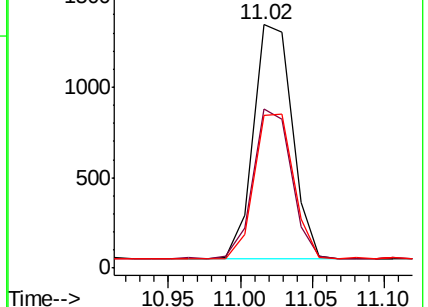
227 62.3 52.3 78.5

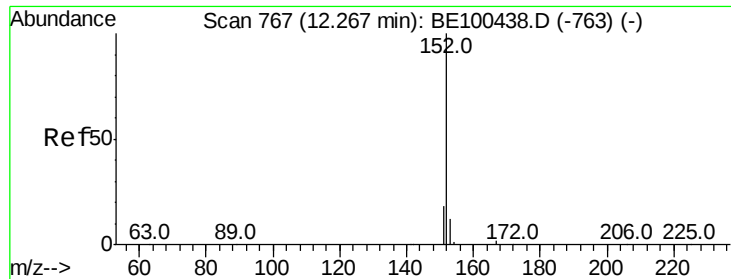


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

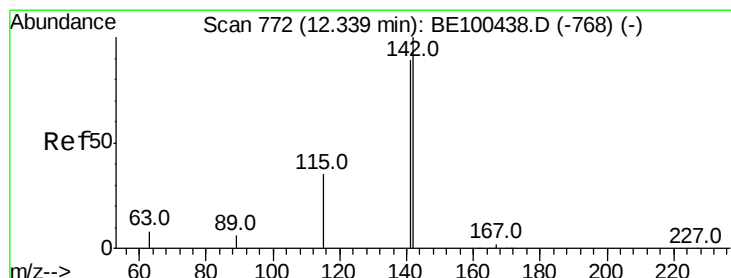
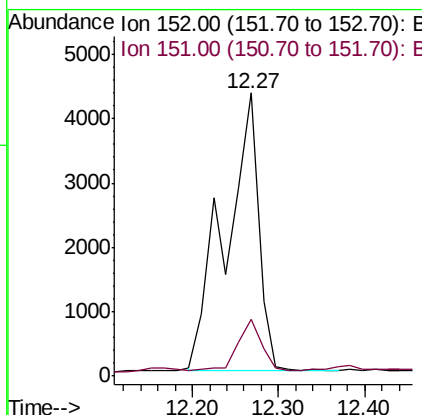
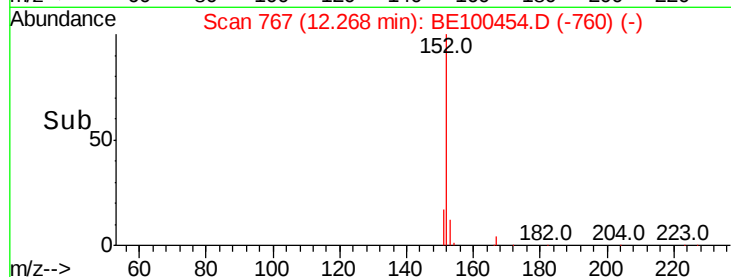
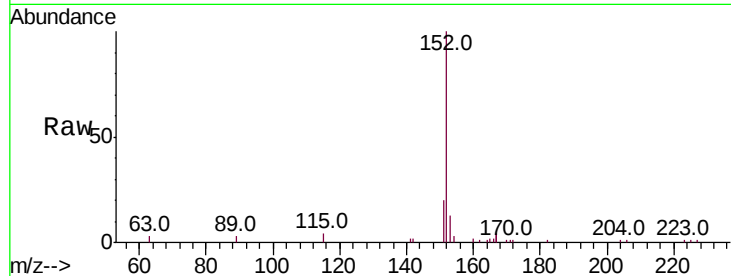




#11
 2-Methylnaphthalene-d10
 Concen: 280.893 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE100454.D
 Acq: 17 Jul 2019 18:16

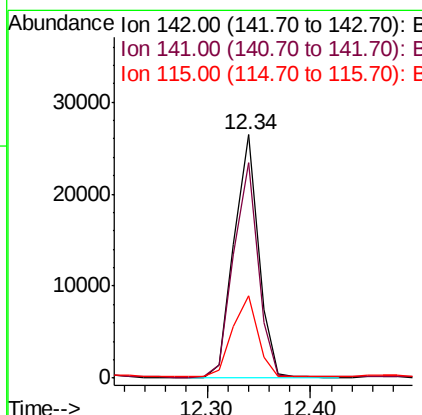
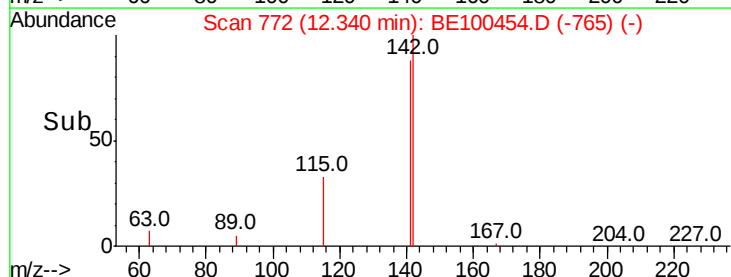
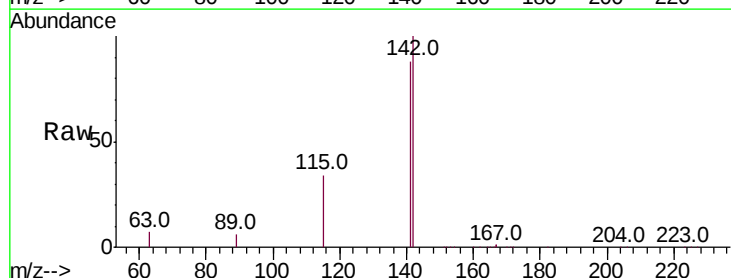
Instrument :
 BNA_E
 ClientSampled :

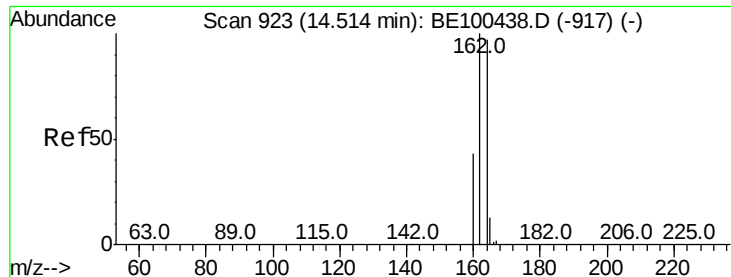
Tot Ion:152 Resp: 11474
 Ion Ratio Lower Upper
 152 100
 151 12.7 16.0 24.0#



#12
 2-Methylnaphthalene
 Concen: 978.597 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE100454.D
 Acq: 17 Jul 2019 18:16

Tgt Ion:142 Resp: 43033
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.9 106.3
 115 33.8 29.0 43.4

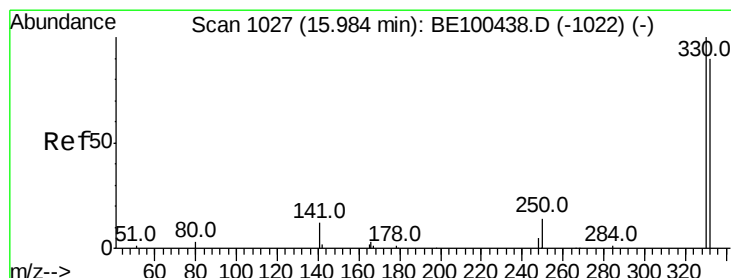
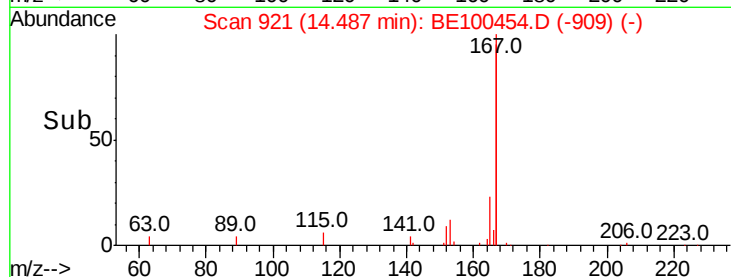
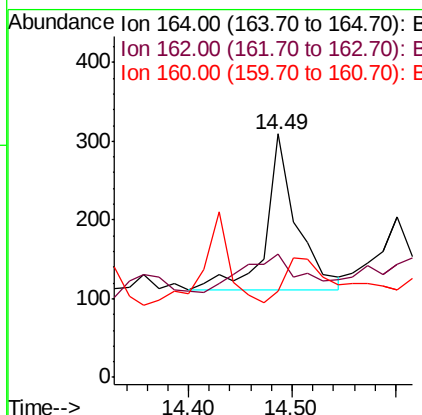
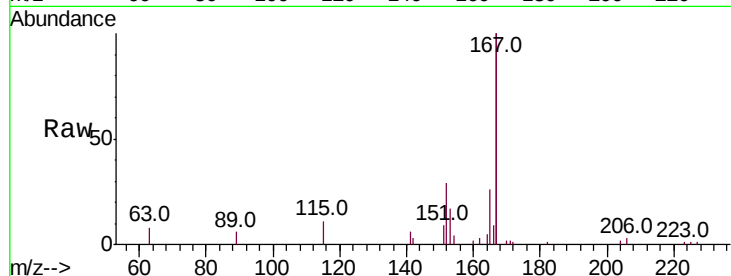




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.03 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

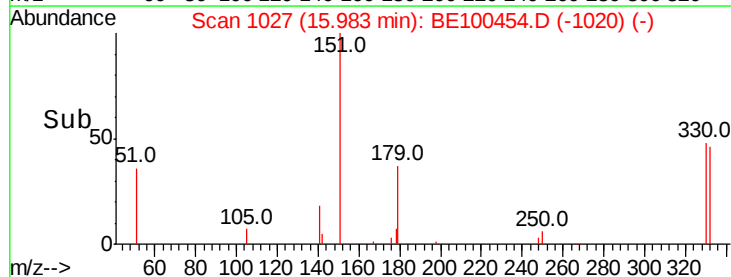
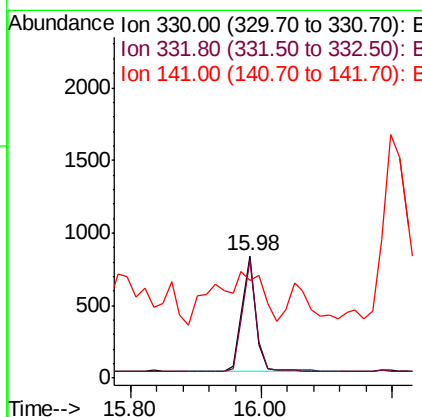
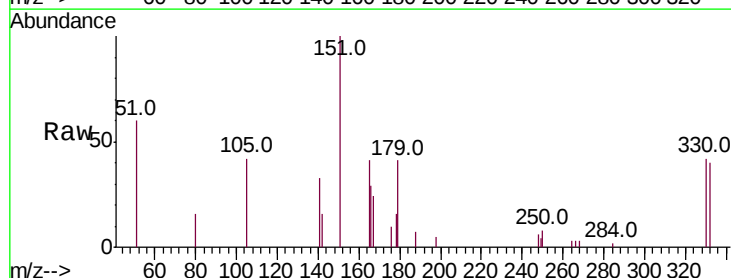
Instrument :
BNA_E
ClientSampled :

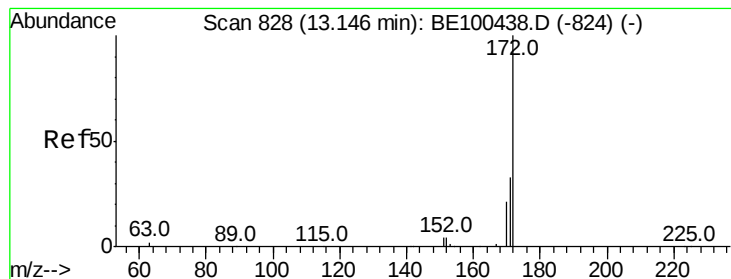
Tot Ion:164 Resp: 416
Ion Ratio Lower Upper
164 100
162 50.8 82.6 124.0#
160 35.6 35.6 53.4#



#14
2,4,6-Tribromophenol
Concen: 12.459 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Tgt Ion:330 Resp: 1171
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 158.6 28.1 42.1#

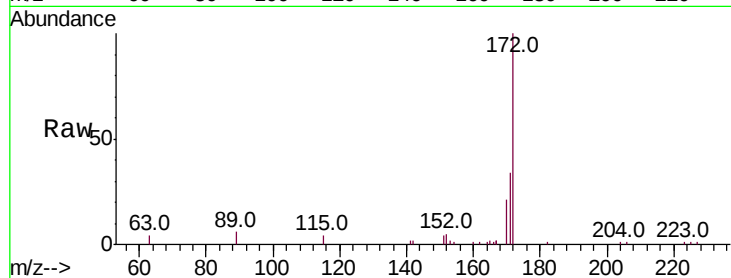




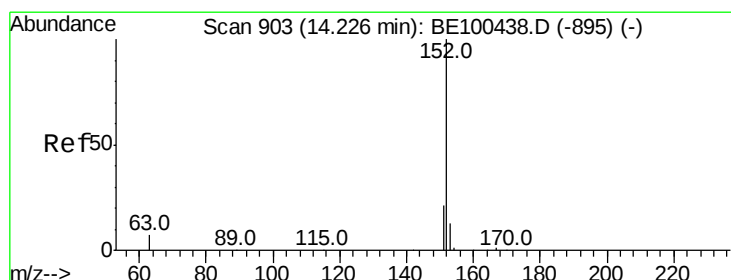
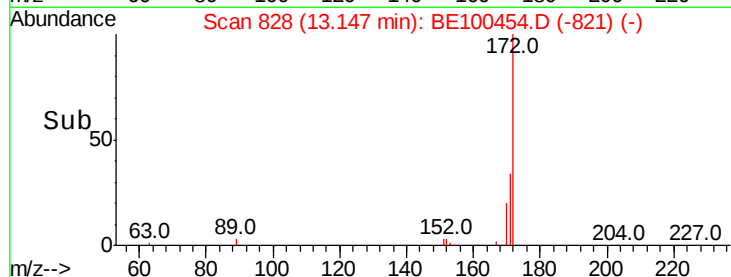
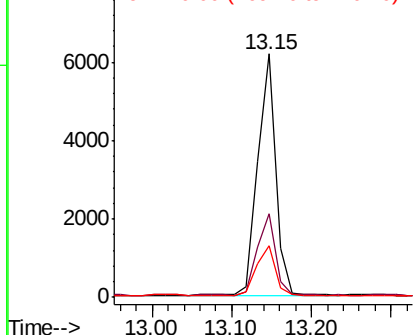
#15
2-Fluorobiphenyl
Concen: 5.132 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 9564
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.4
170 21.2 17.4 26.0

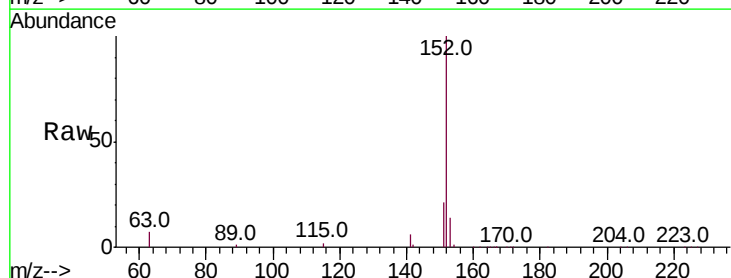


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

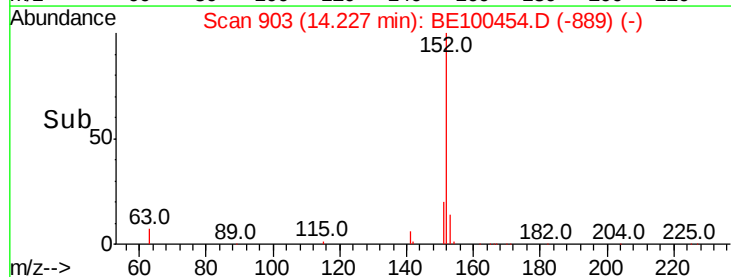
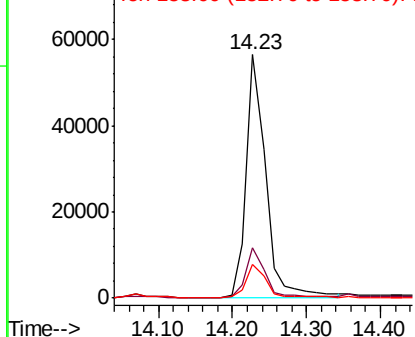


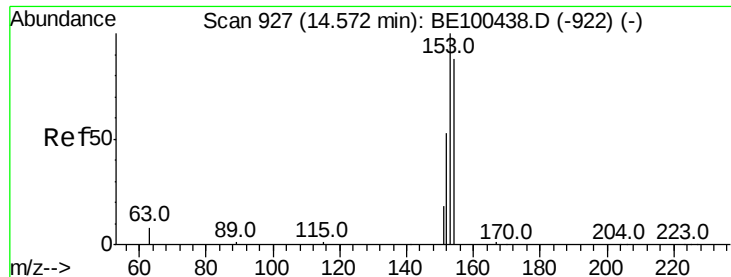
#16
Acenaphthylene
Concen: 61.541 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Tgt Ion:152 Resp: 103550
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.8
153 14.1 10.4 15.6



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

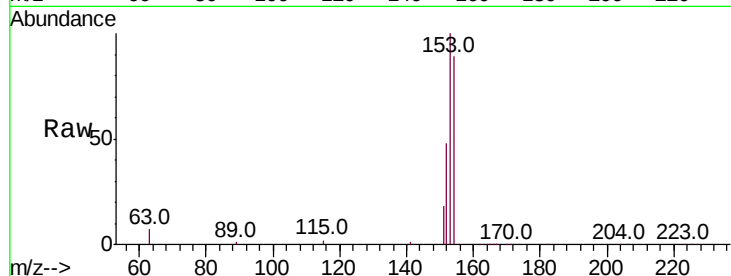




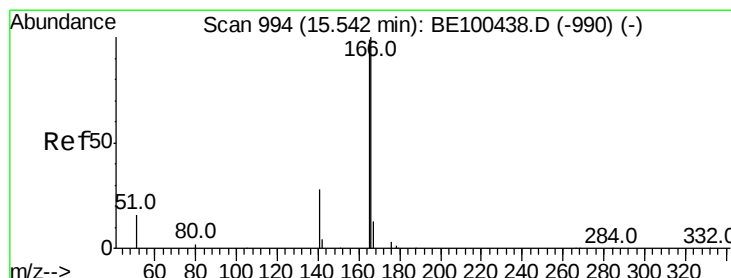
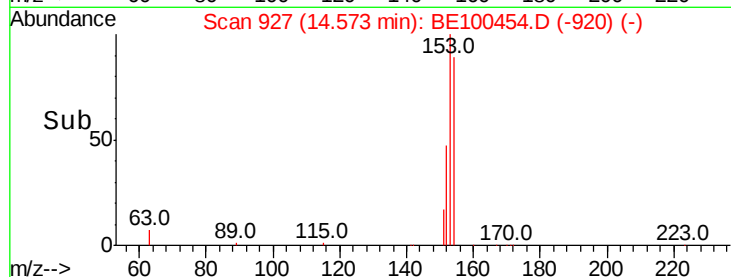
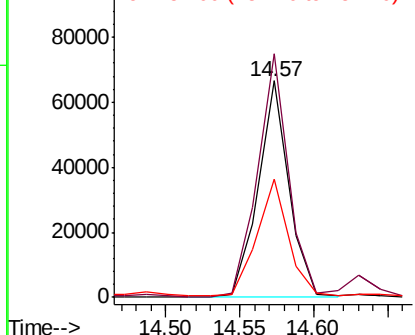
#17
Acenaphthene
Concen: 82.070 ng
RT: 14.57 min Scan# 927
Delta R.T. 0.00 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 94883
Ion Ratio Lower Upper
154 100
153 114.9 91.0 136.4
152 55.1 49.4 74.2

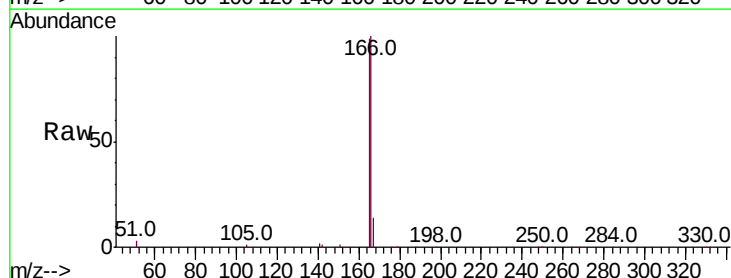


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

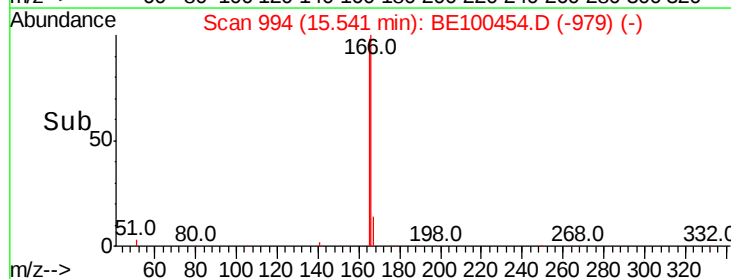
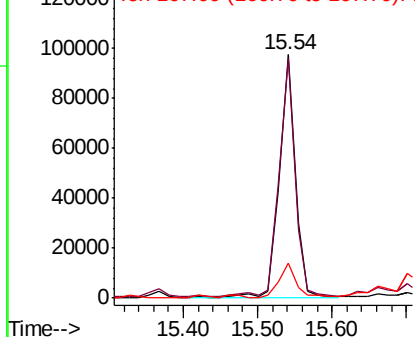


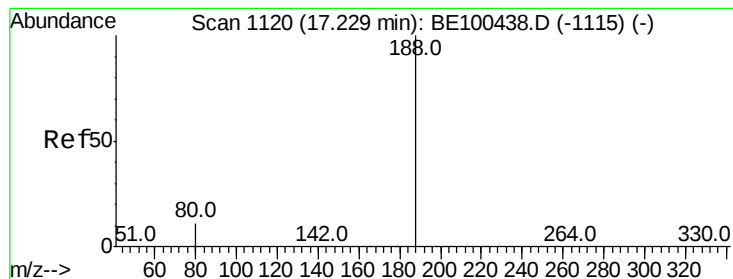
#18
Fluorene
Concen: 96.259 ng
RT: 15.54 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Tgt Ion:166 Resp: 143519
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 14.9 10.6 15.8



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: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

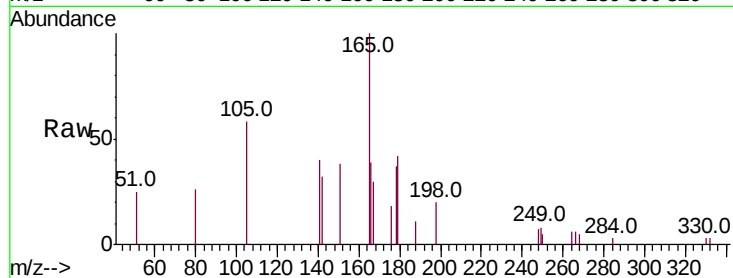
Tot Ion:188 Resp: 95

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

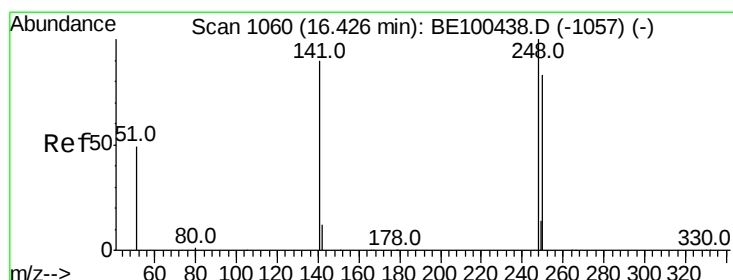
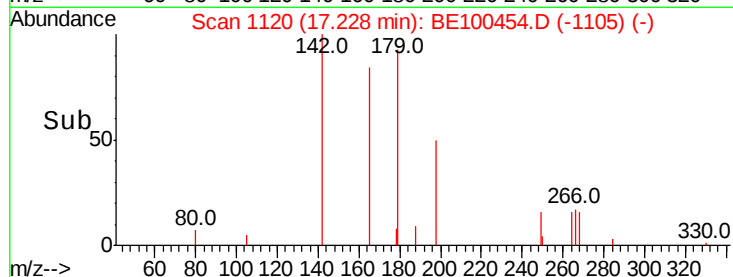
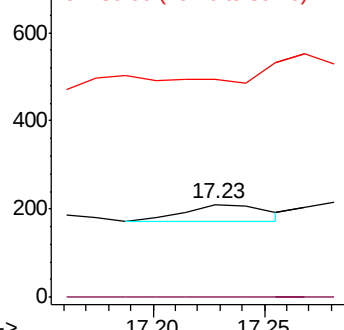
80 234.6 9.2 13.8#



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



#20

4-Bromophenyl-phenylether

Concen: 75.096 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

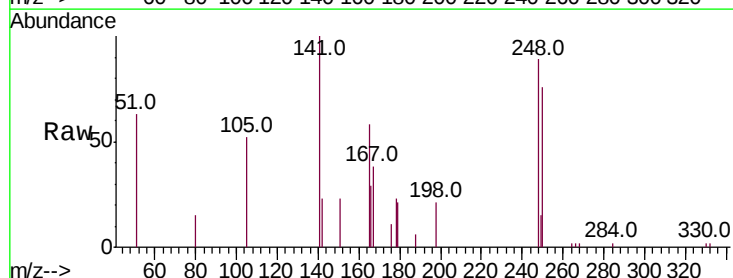
Tgt Ion:248 Resp: 3723

Ion Ratio Lower Upper

248 100

250 85.7 67.1 100.7

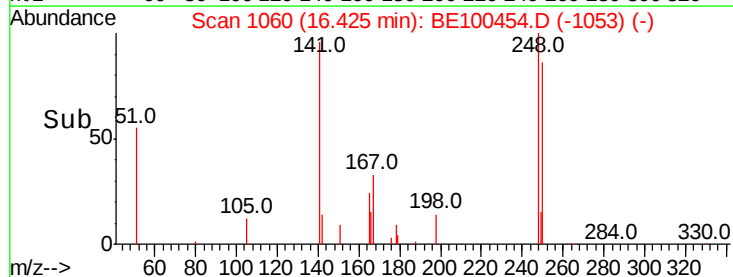
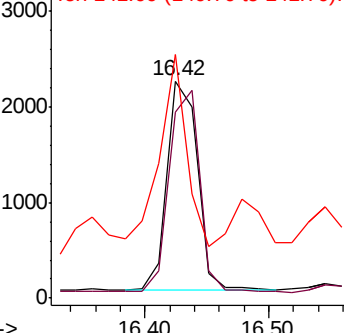
141 112.1 72.2 108.2#

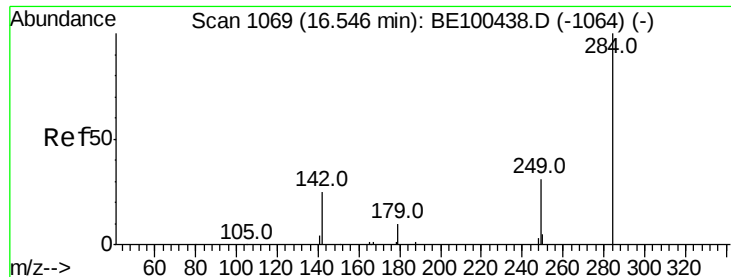


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 62.549 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

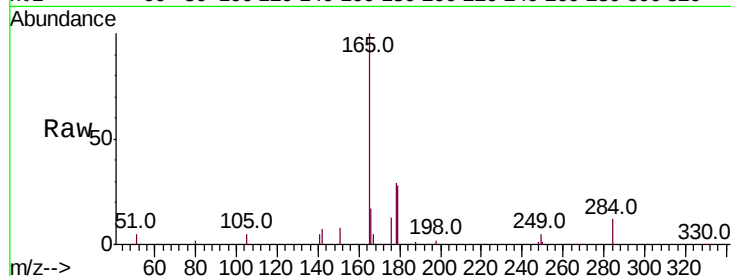
Tot Ion:284 Resp: 3624

Ion Ratio Lower Upper

284 100

142 42.5 25.6 38.4#

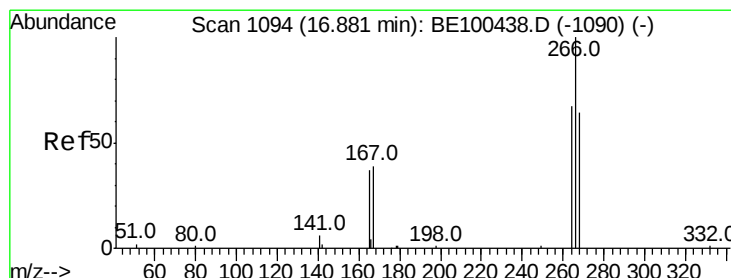
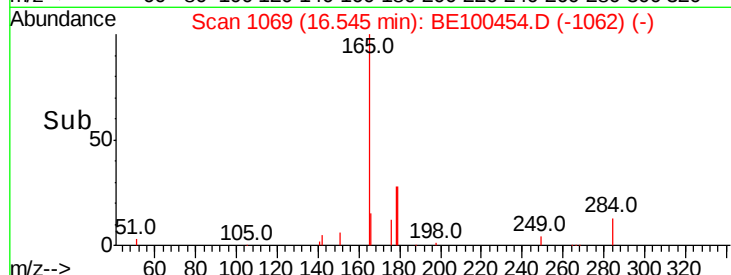
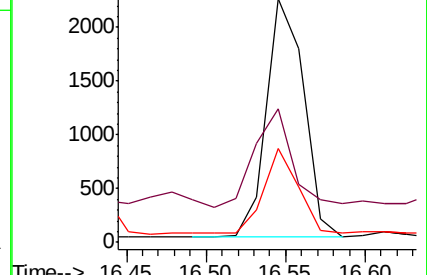
249 33.1 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 290.488 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

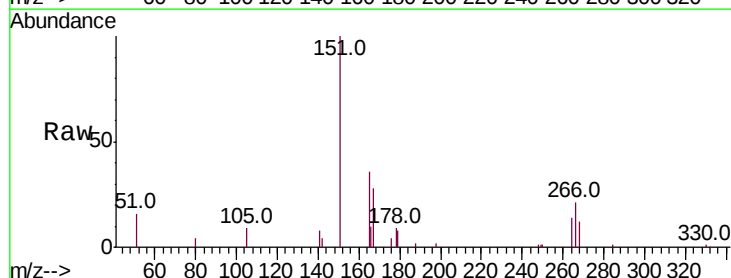
Tgt Ion:266 Resp: 4010

Ion Ratio Lower Upper

266 100

264 66.6 56.2 84.2

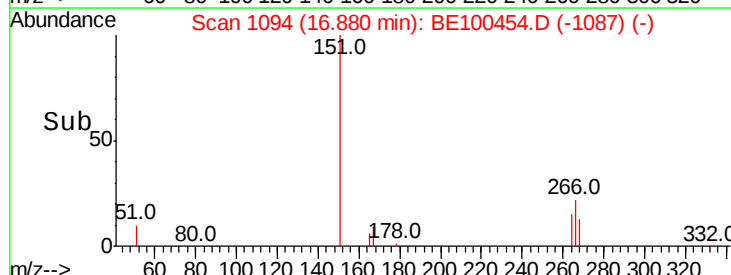
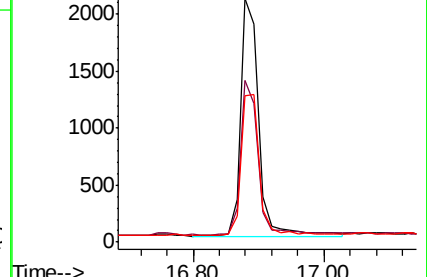
268 60.1 54.9 82.3

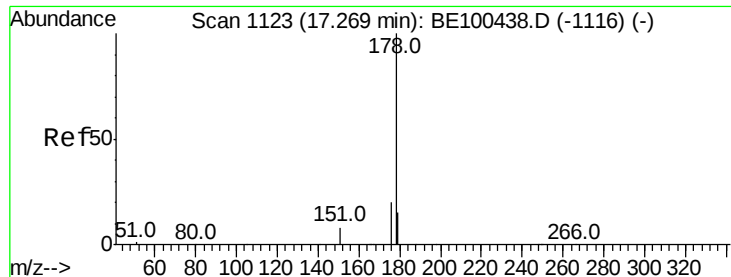


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

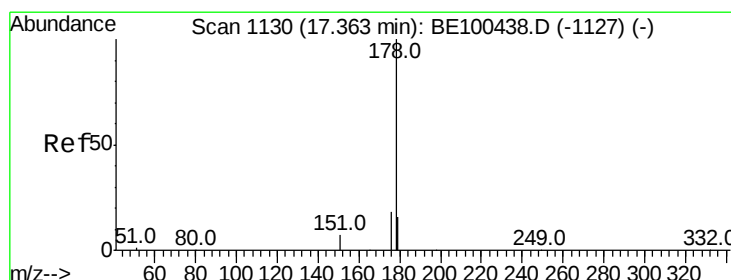
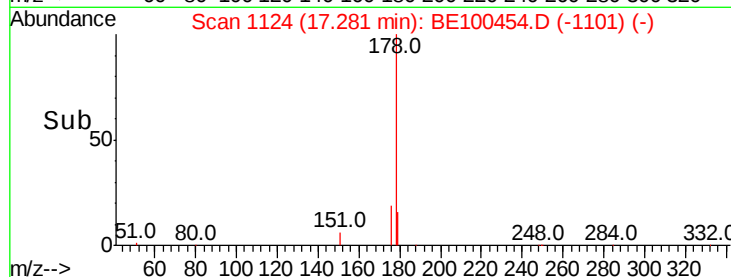
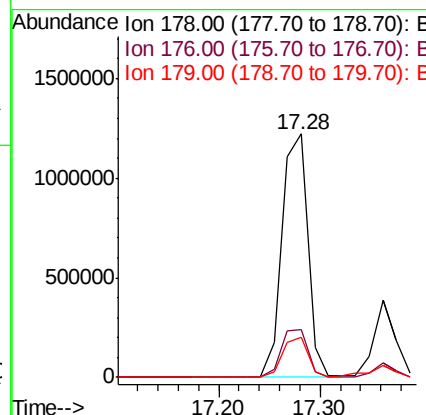
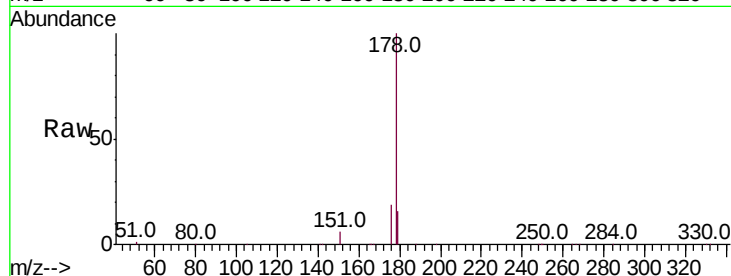




#23
Phenanthrene
Concen: 8470.172 ng
RT: 17.28 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

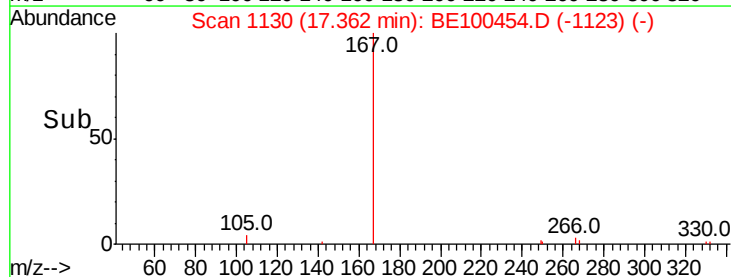
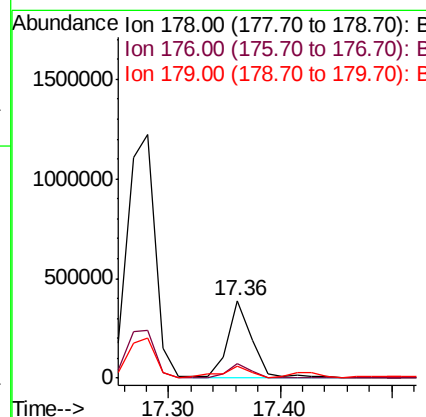
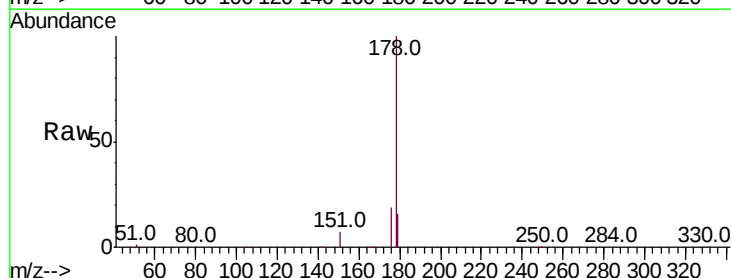
Instrument :
BNA_E
ClientSampleId :

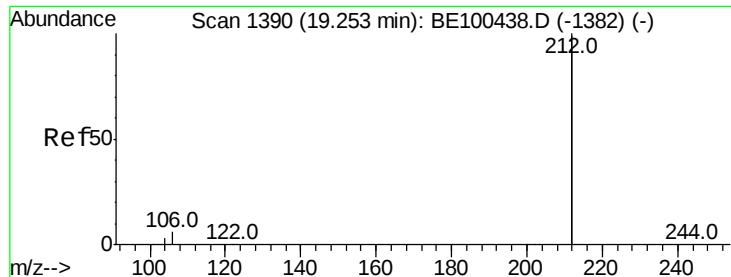
Tot Ion:178 Resp: 2143997
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 16.0 12.4 18.6



#24
Anthracene
Concen: 2760.805 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Tgt Ion:178 Resp: 576761
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 18.0 12.3 18.5





#25

Fluoranthene-d10

Concen: 75.030 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

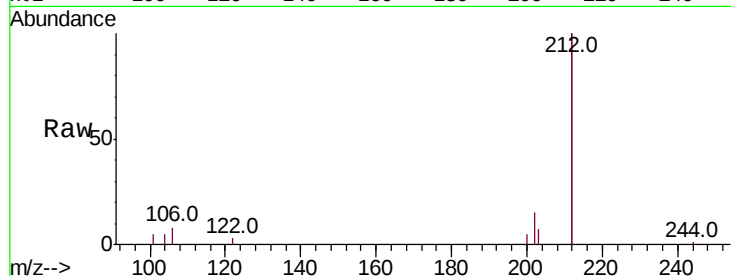
Tot Ion:212 Resp: 84920

Ion Ratio Lower Upper

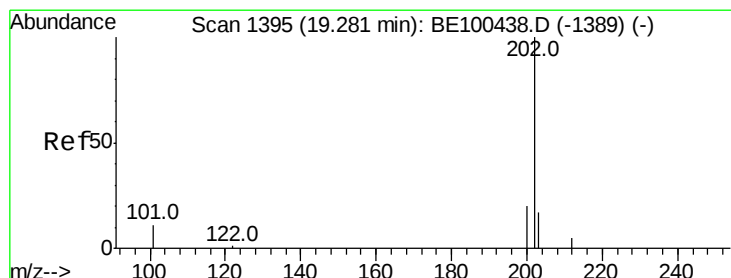
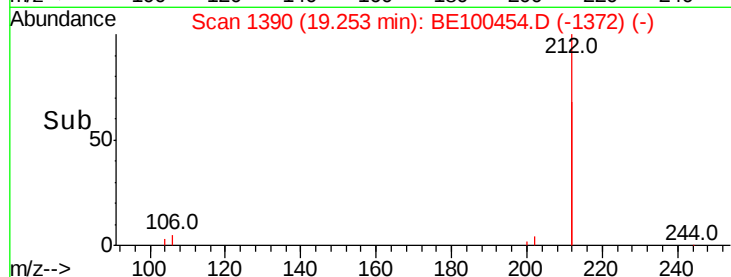
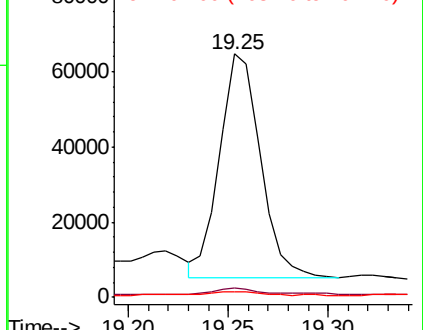
212 100

106 2.7 2.6 3.8

104 2.5 1.4 2.2#



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: 12040.283 ng

RT: 19.29 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

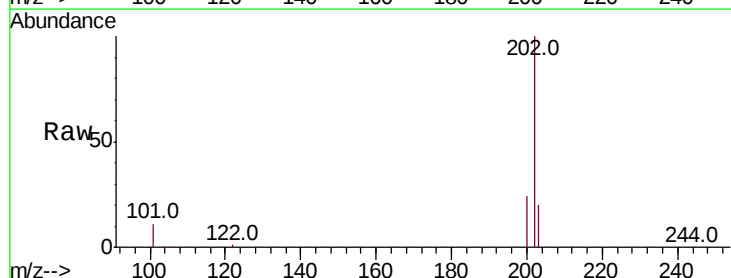
Tgt Ion:202 Resp: 3873477

Ion Ratio Lower Upper

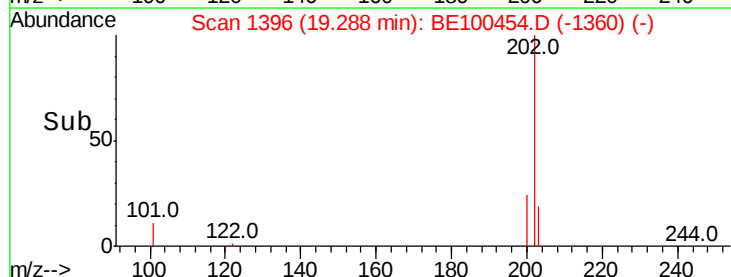
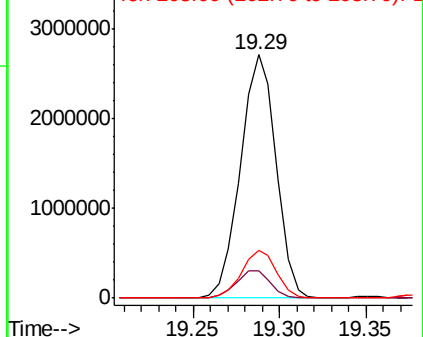
202 100

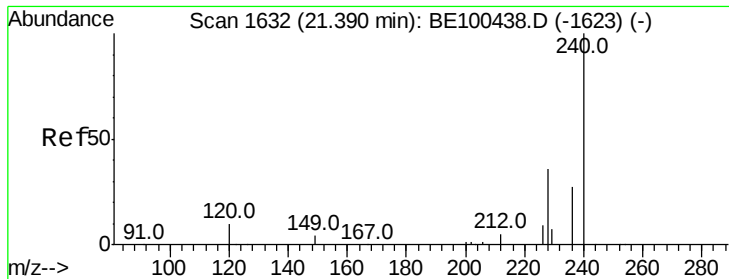
101 10.9 8.9 13.3

203 19.0 13.8 20.6



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

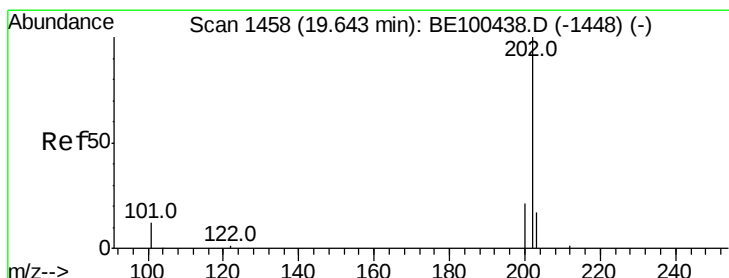
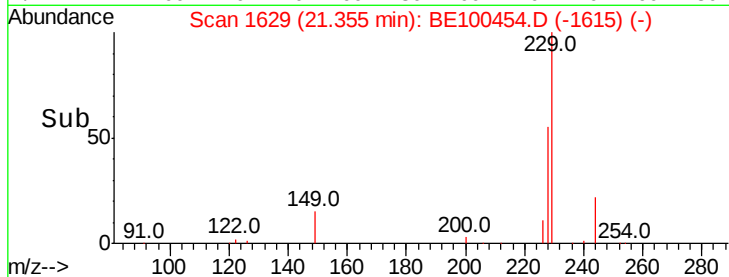
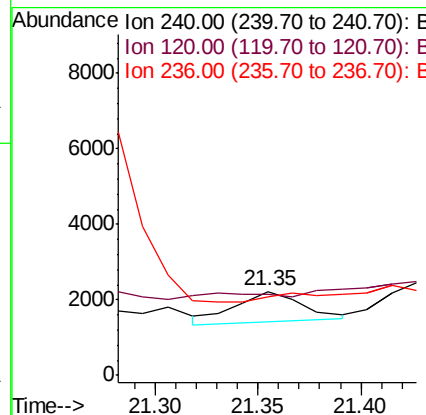
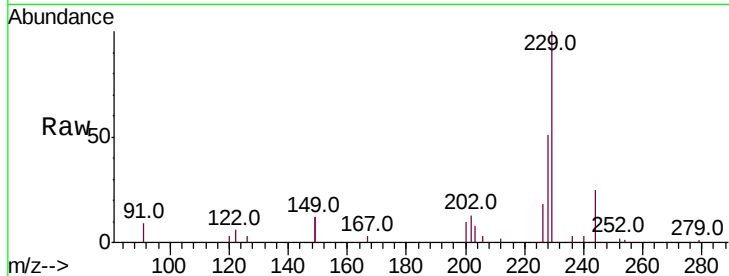




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.04 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

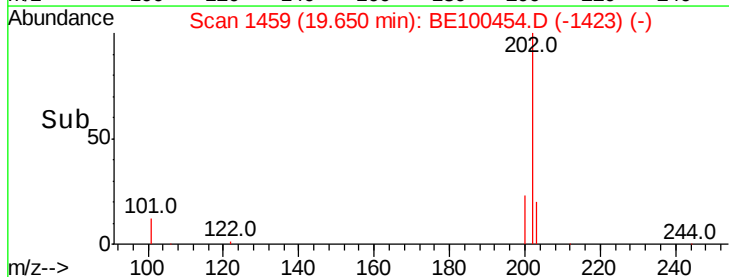
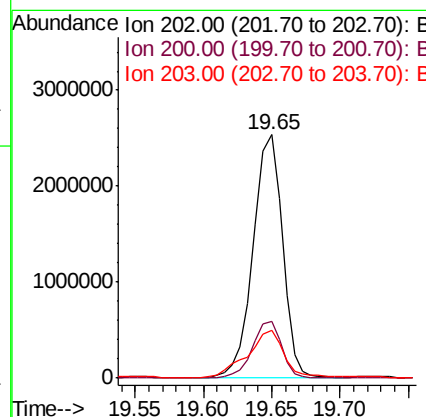
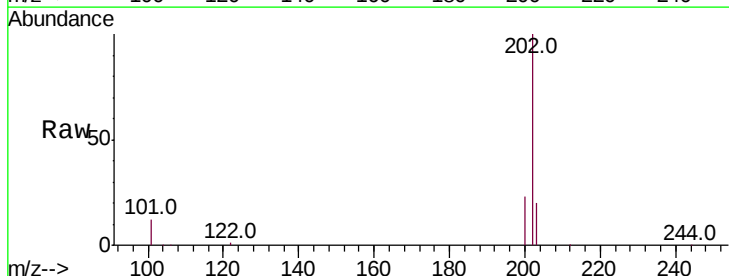
Instrument :
BNA_E
ClientSampleId :

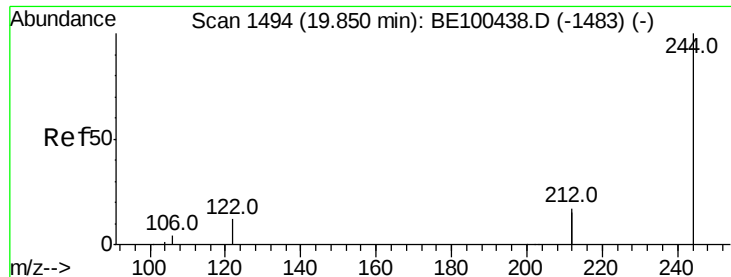
Tot Ion:240 Resp: 1879
Ion Ratio Lower Upper
240 100
120 96.5 8.8 13.2#
236 93.9 22.0 33.0#



#28
Pyrene
Concen: 686.146 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Tgt Ion:202 Resp: 3771598
Ion Ratio Lower Upper
202 100
200 23.0 16.8 25.2
203 24.5 13.8 20.8#

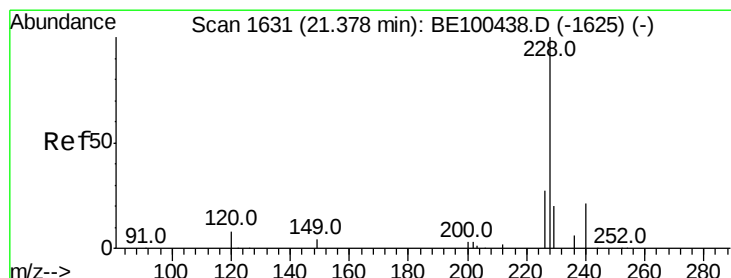
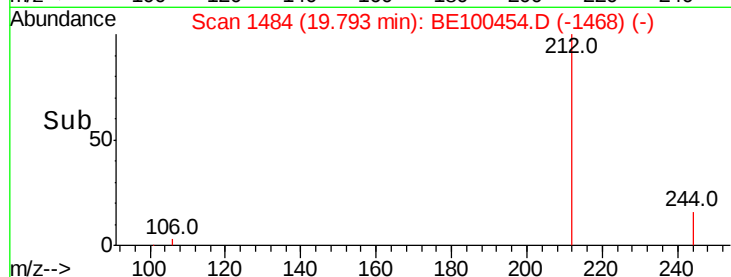
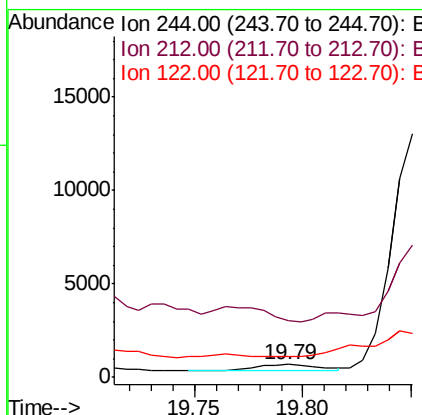
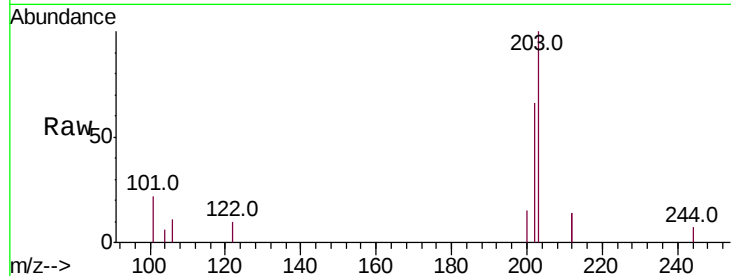




#29
 Terphenyl-d14
 Concen: 0.139 ng
 RT: 19.79 min Scan# 1484
 Delta R.T. -0.06 min
 Lab File: BE100454.D
 Acq: 17 Jul 2019 18:16

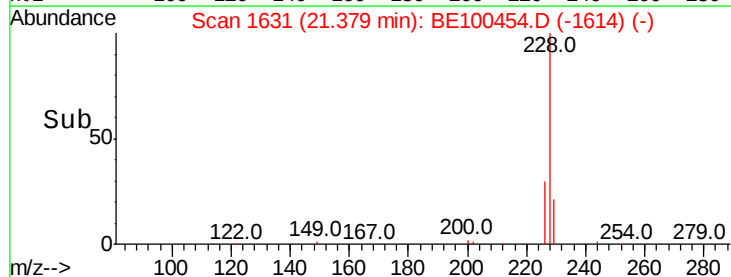
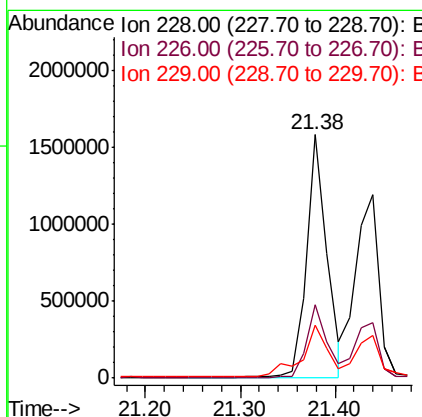
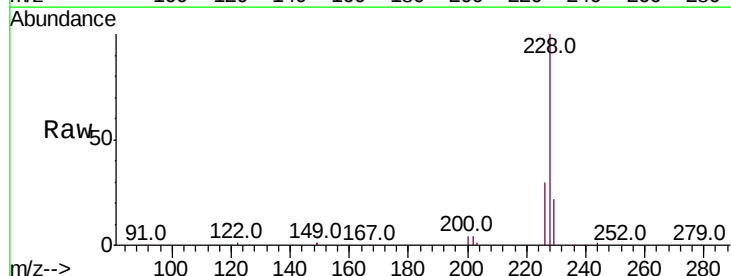
Instrument :
 BNA_E
 ClientSampleId :

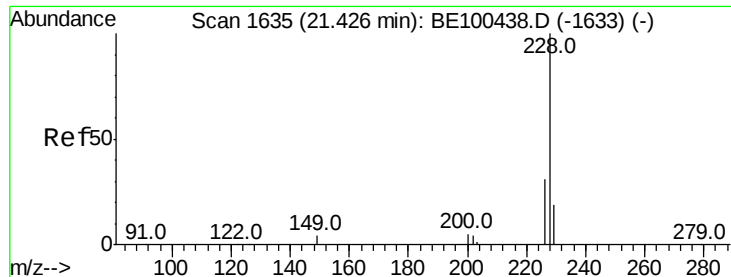
Tot Ion:244 Resp: 638
 Ion Ratio Lower Upper
 244 100
 212 438.0 26.3 39.5#
 122 155.1 9.4 14.2#



#30
 Benzo(a)anthracene
 Concen: 456.684 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100454.D
 Acq: 17 Jul 2019 18:16

Tgt Ion:228 Resp: 2328972
 Ion Ratio Lower Upper
 228 100
 226 30.0 21.6 32.4
 229 21.8 15.8 23.8

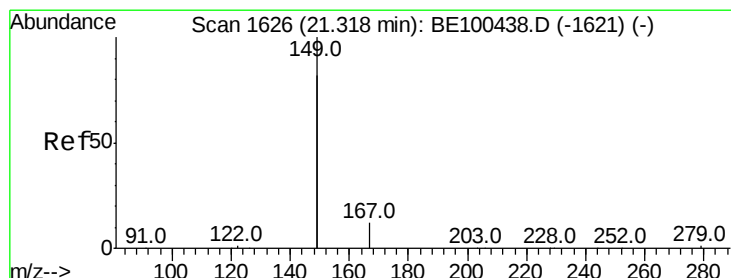
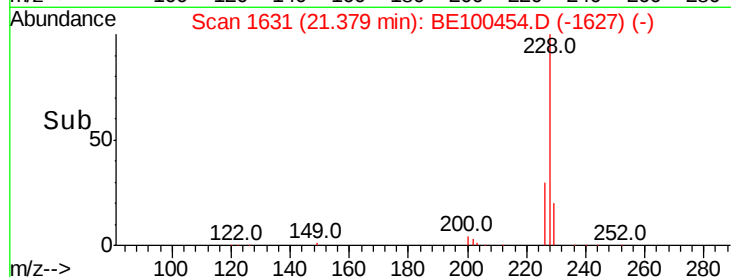
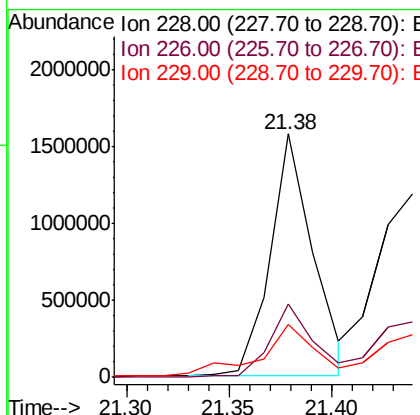
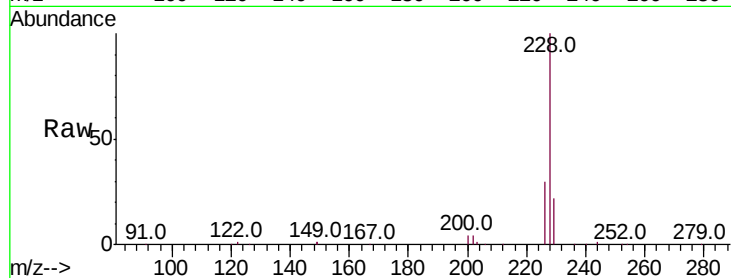




#31
 Chrysene
 Concen: 376.881 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. -0.05 min
 Lab File: BE100454.D
 Acq: 17 Jul 2019 18:16

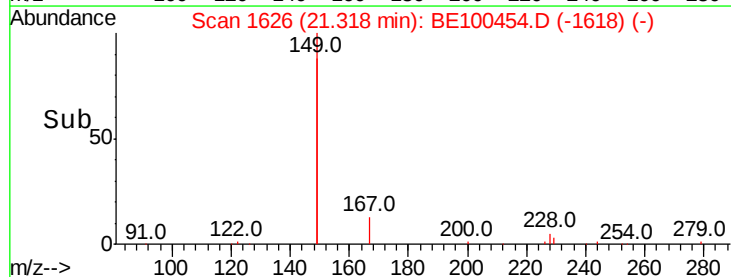
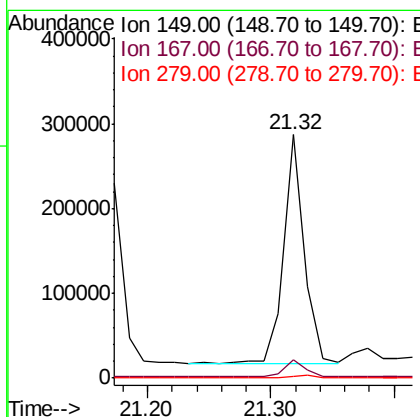
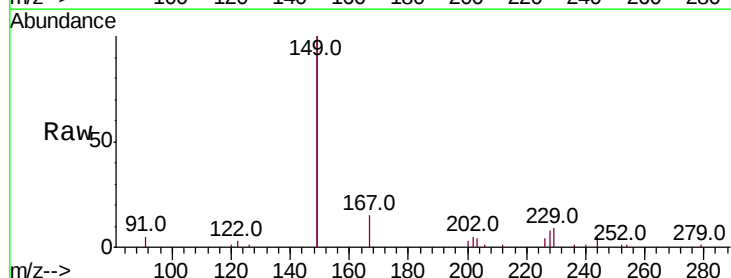
Instrument :
 BNA_E
 ClientSampleId :

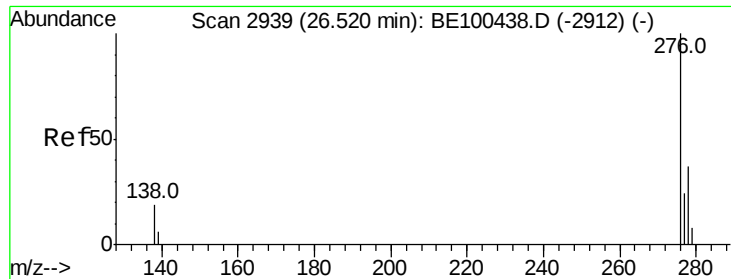
Tot Ion:228 Resp: 2282440
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.8 37.2
 229 21.8 15.8 23.6



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 85.585 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE100454.D
 Acq: 17 Jul 2019 18:16

Tgt Ion:149 Resp: 313044
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.0 7.6
 279 1.0 1.2 1.8#





#33

Indeno(1,2,3-cd)pyrene

Concen: 222.880 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.03 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

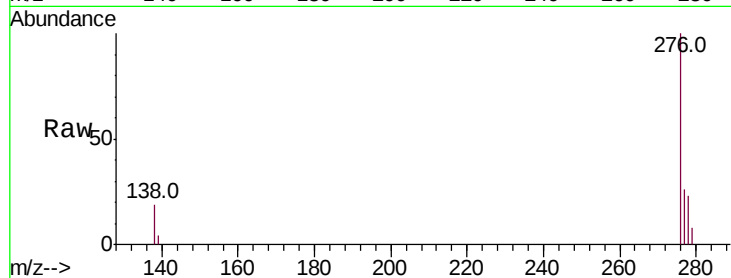
Tot Ion:276 Resp: 1200049

Ion Ratio Lower Upper

276 100

138 18.6 17.0 25.6

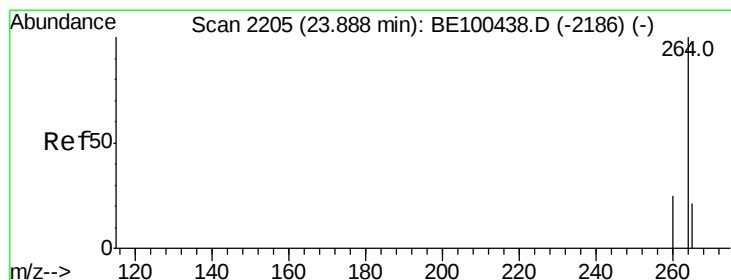
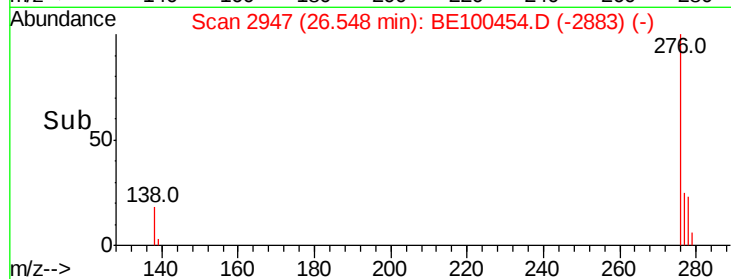
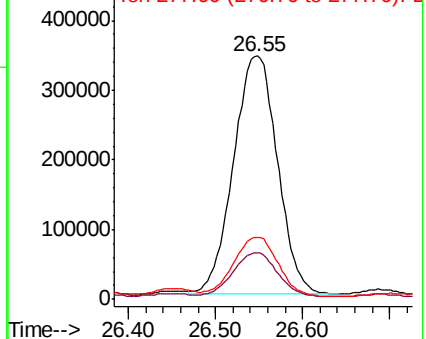
277 25.2 19.8 29.6



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: 23.88 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

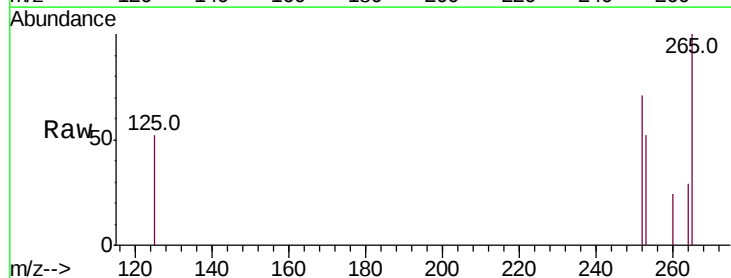
Tgt Ion:264 Resp: 1864

Ion Ratio Lower Upper

264 100

260 82.6 20.0 30.0#

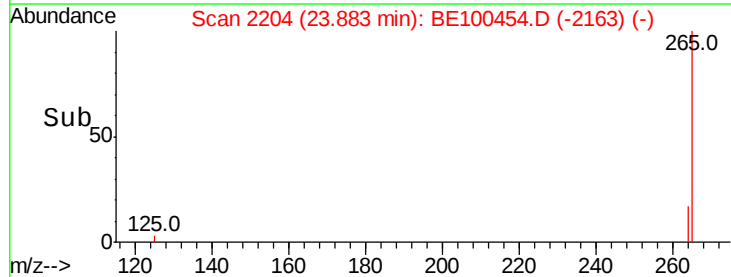
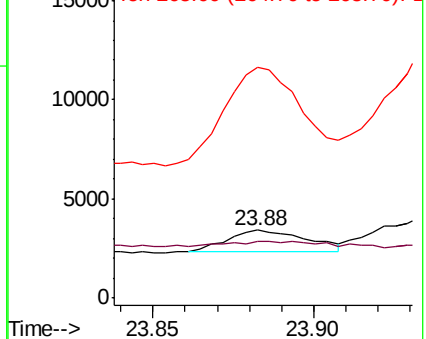
265 339.2 22.2 33.4#

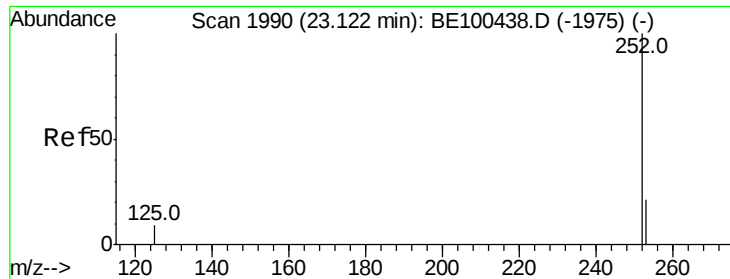


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 437.132 ng

RT: 23.13 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

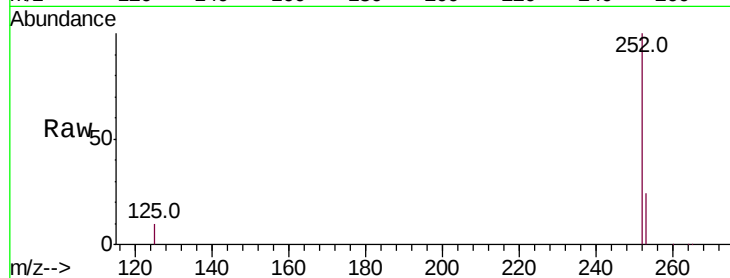
Tot Ion:252 Resp: 2489538

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

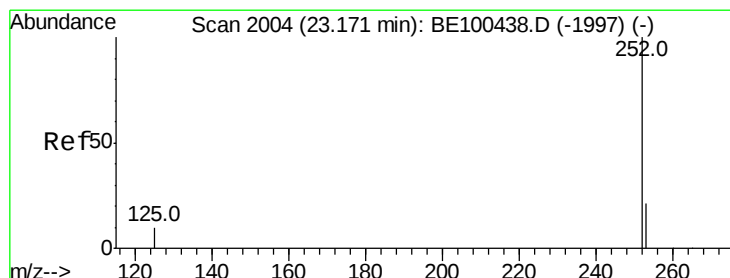
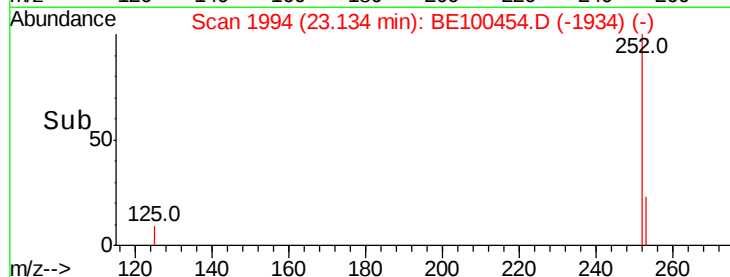
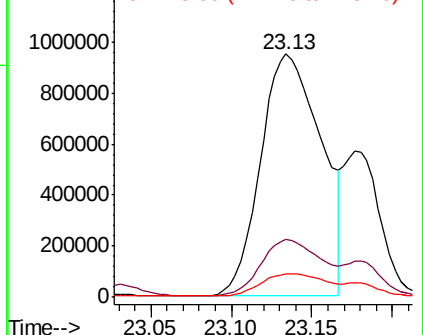
125 9.7 8.0 12.0



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: 413.090 ng

RT: 23.13 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

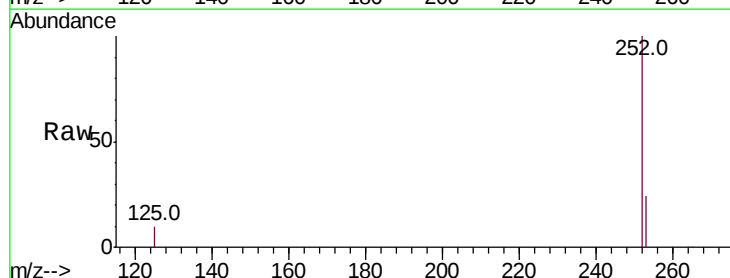
Tgt Ion:252 Resp: 2489538

Ion Ratio Lower Upper

252 100

253 23.8 17.7 26.5

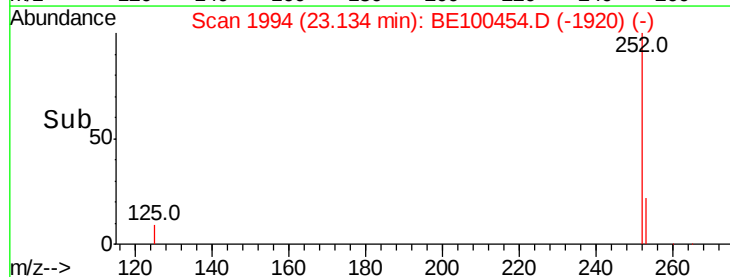
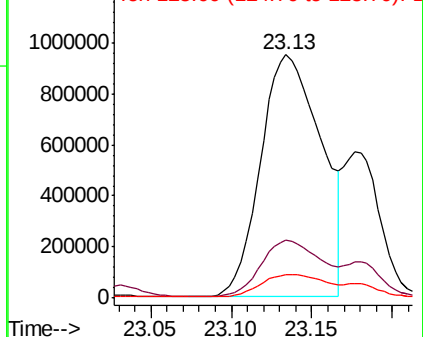
125 9.7 8.3 12.5

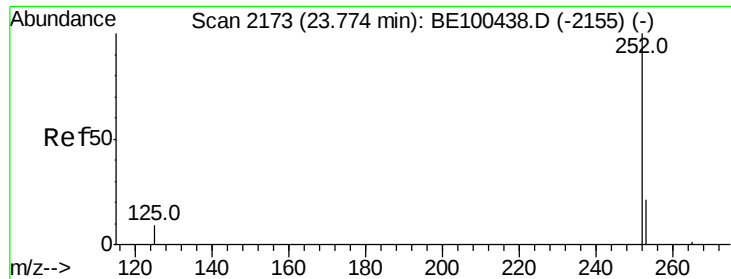


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

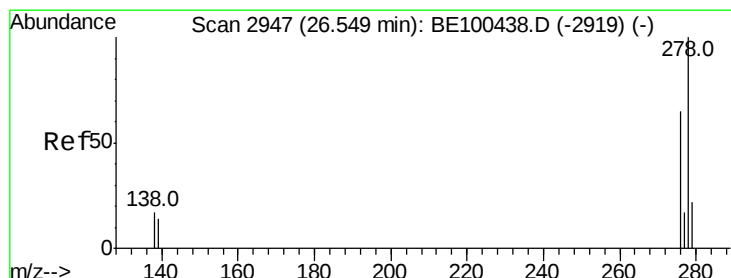
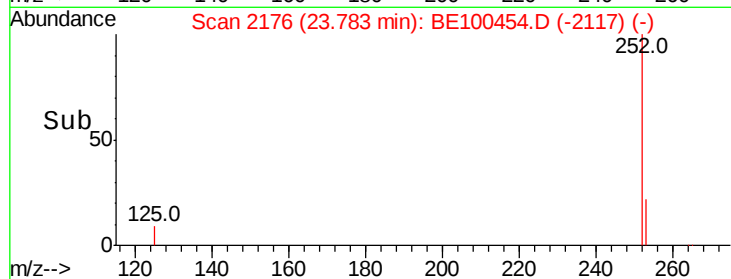
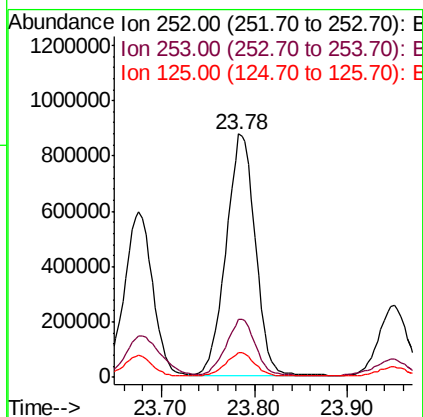
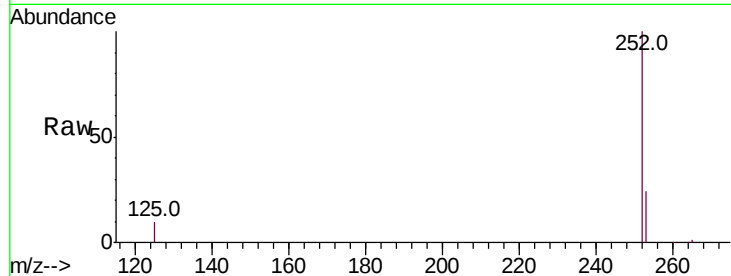




#37
Benzo(a)pyrene
Concen: 405.149 ng
RT: 23.78 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

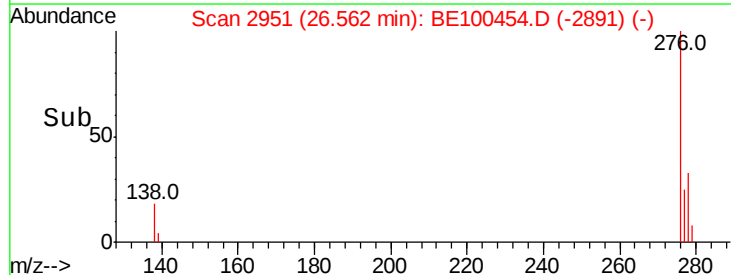
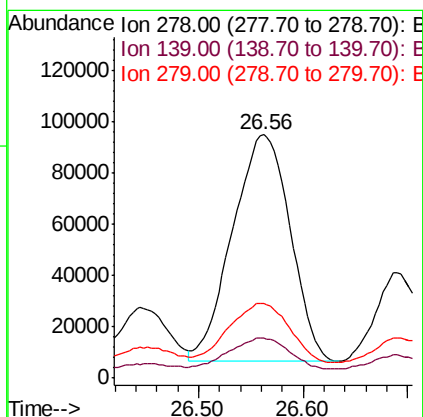
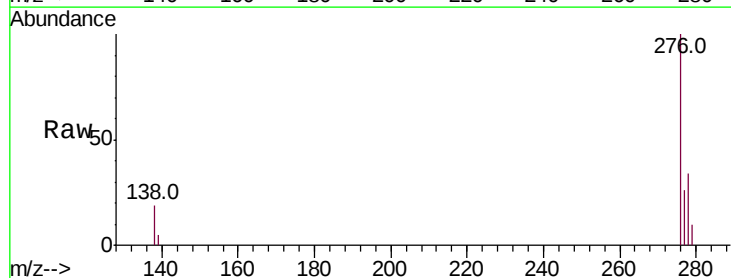
Instrument :
BNA_E
ClientSampled :

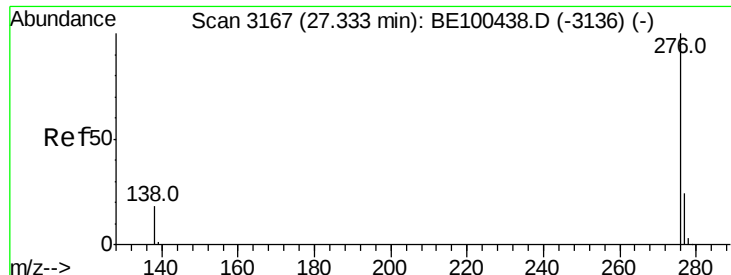
Tot Ion:252 Resp: 1897303
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 10.1 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 67.918 ng
RT: 26.56 min Scan# 2951
Delta R.T. 0.01 min
Lab File: BE100454.D
Acq: 17 Jul 2019 18:16

Tgt Ion:278 Resp: 339116
Ion Ratio Lower Upper
278 100
139 16.2 12.2 18.2
279 30.7 18.6 27.8#





#39

Benzo(a,h,i)perylene

Concen: 229.844 ng

RT: 27.37 min Scan# 3177

Delta R.T. 0.03 min

Lab File: BE100454.D

Acq: 17 Jul 2019 18:16

Instrument :

BNA_E

ClientSampleId :

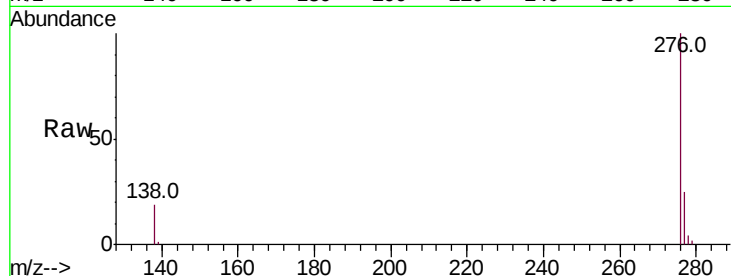
Tot Ion:276 Resp: 1200172

Ion Ratio Lower Upper

276 100

277 25.0 19.6 29.4

138 18.7 15.1 22.7



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

