

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100145.D
 Acq On : 21 Jun 2019 20:30
 Operator : JU/SJ
 Sample : K3428-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW155-061319

Quant Time: Jun 22 02:04:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	609	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2390	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2229	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	7039	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10757	0.40	ng	0.00
34) Perylene-d12	23.83	264	12534	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	530	0.42	ng	0.00
5) Phenol-d6	6.91	99	688	0.40	ng	-0.02
8) Nitrobenzene-d5	8.90	82	777	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.32	152	26	0.01	ng	0.17
14) 2,4,6-Tribromophenol	15.89	330	516	0.42	ng	-0.03
15) 2-Fluorobiphenyl	13.02	172	2161	0.25	ng	-0.03
25) Fluoranthene-d10	19.19	212	2333	0.02	ng	-0.01
29) Terphenyl-d14	19.78	244	5401	0.25	ng	-0.02

Target Compounds

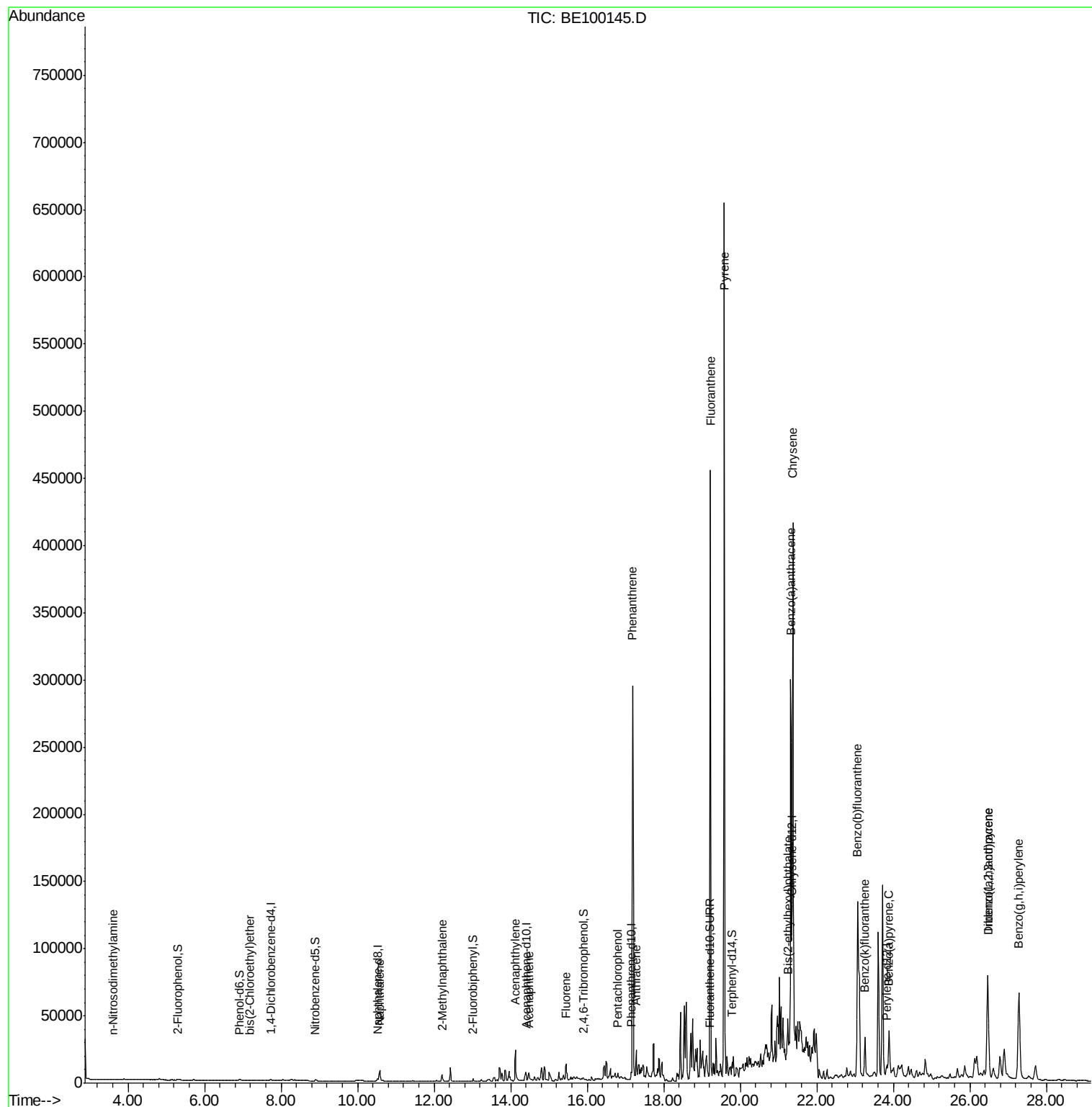
						Qvalue
3) n-Nitrosodimethylamine	3.61	42	17	0.368	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	5	0.036	ng	# 1
9) Naphthalene	10.58	128	15706	0.605	ng	99
12) 2-Methylnaphthalene	12.21	142	4111	0.963	ng	95
16) Acenaphthylene	14.13	152	30183	2.853	ng	98
17) Acenaphthene	14.47	154	3626	0.613	ng	97
18) Fluorene	15.45	166	12324	1.399	ng	# 84
22) Pentachlorophenol	16.80	266	59	0.282	ng	97
23) Phenanthrene	17.19	178	291000	17.255	ng	99
24) Anthracene	17.28	178	21347	1.501	ng	99
26) Fluoranthene	19.22	202	395888	14.623	ng	98
28) Pyrene	19.58	202	614122	22.212	ng	96
30) Benzo(a)anthracene	21.32	228	276194	8.631	ng	96
31) Chrysene	21.38	228	369815	9.946	ng	96
32) Bis(2-ethylhexyl)phthalate	21.24	149	18399	0.609	ng	98
33) Indeno(1,2,3-cd)pyrene	26.47	276	142115	3.397	ng	# 96
35) Benzo(b)fluoranthene	23.06	252	269750	7.334	ng	# 98
36) Benzo(k)fluoranthene	23.26	252	43881	1.049	ng	95
37) Benzo(a)pyrene	23.89	252	39818	1.122	ng	96
38) Dibenzo(a,h)anthracene	26.48	278	42262	1.161	ng	# 91
39) Benzo(g,h,i)perylene	27.28	276	166741	4.409	ng	# 95

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

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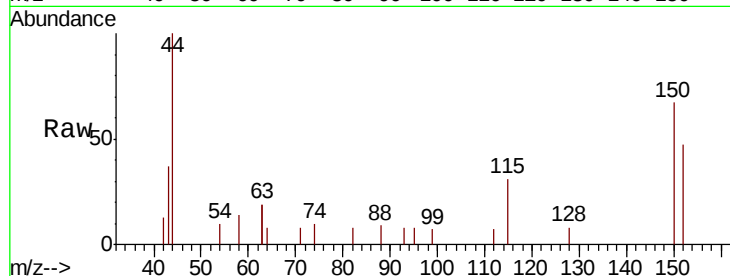


#1

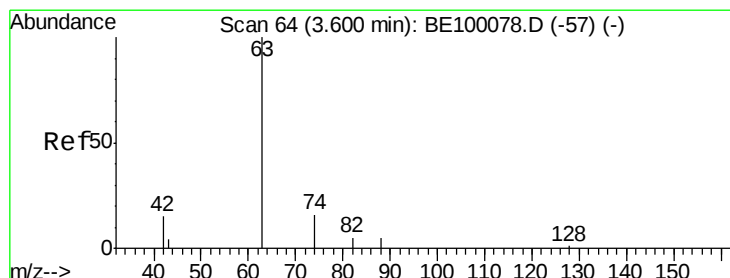
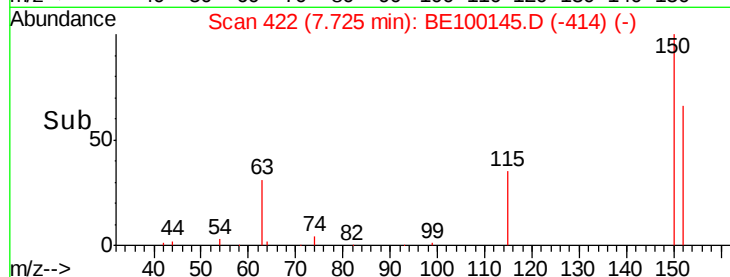
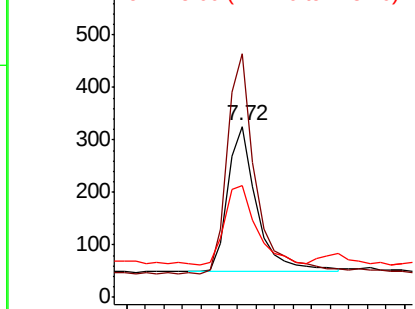
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

Tgt Ion: 152 Resp: 609
Ion Ratio Lower Upper
152 100
150 142.3 99.8 149.8
115 65.6 51.3 76.9



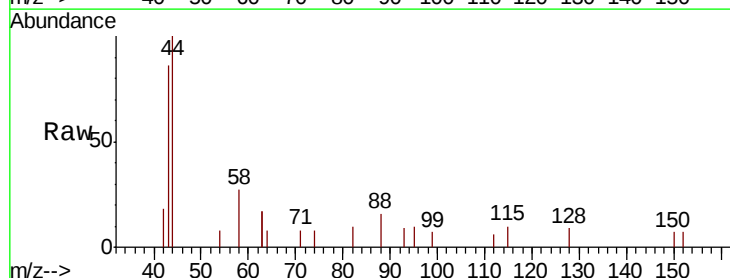
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



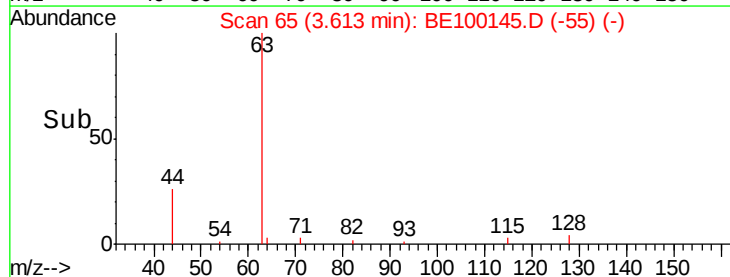
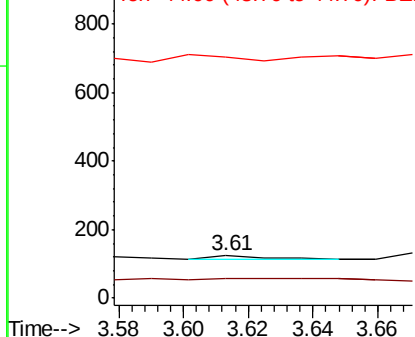
#3

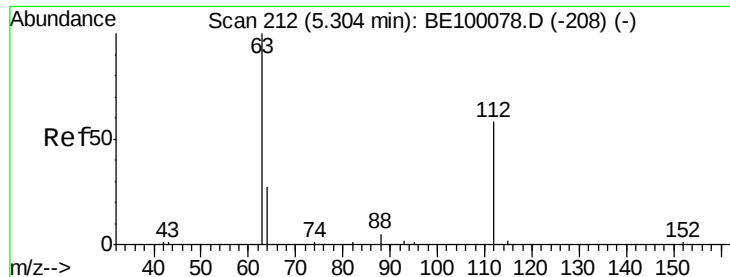
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.61 min Scan# 65
Delta R.T. 0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion: 42 Resp: 17
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 176.5 0.0 0.0#



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: 0.419 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

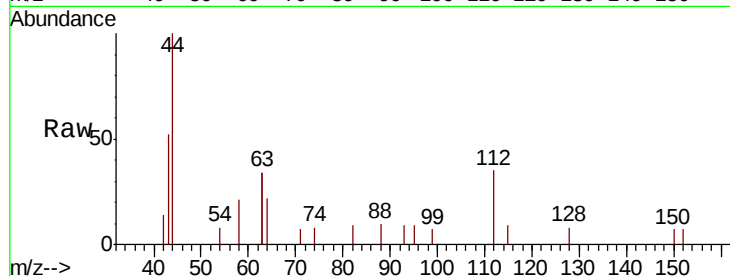
Tgt Ion: 112 Resp: 530

Ion Ratio Lower Upper

112 100

64 63.0 22.0 33.0#

63 103.6 121.8 182.6#



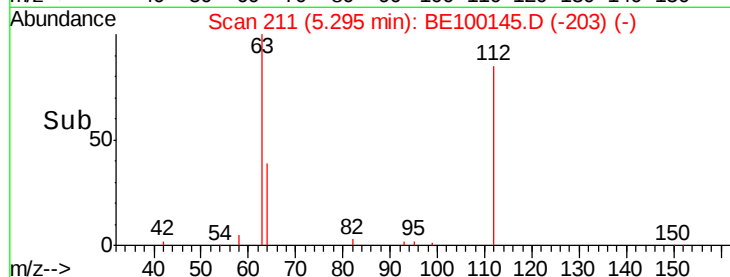
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

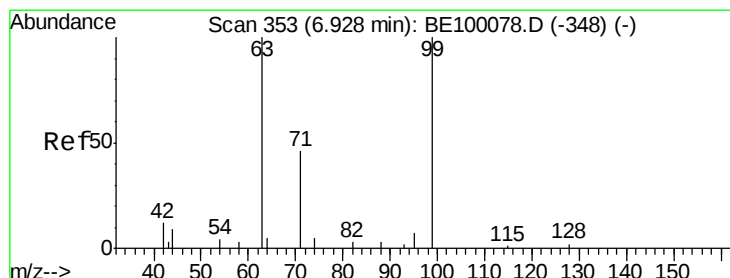
Ion 63.00 (62.70 to 63.70): BE1

5.29

Time-->



Time-->



#5

Phenol-d6

Concen: 0.396 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

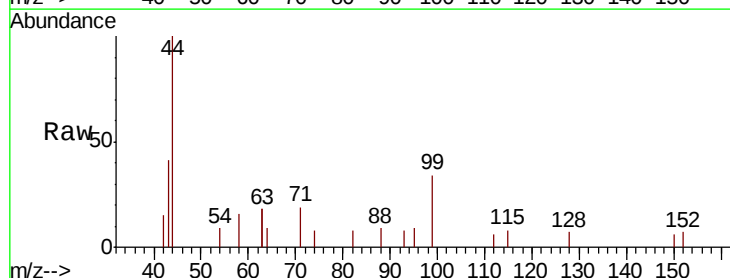
Tgt Ion: 99 Resp: 688

Ion Ratio Lower Upper

99 100

42 17.0 0.0 0.0#

71 39.5 37.6 56.4



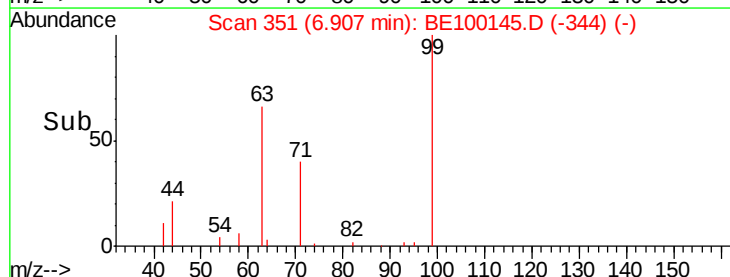
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

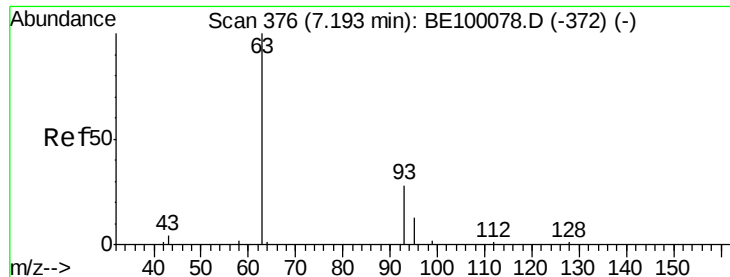
Ion 71.00 (70.70 to 71.70): BE1

6.91

Time-->



Time-->

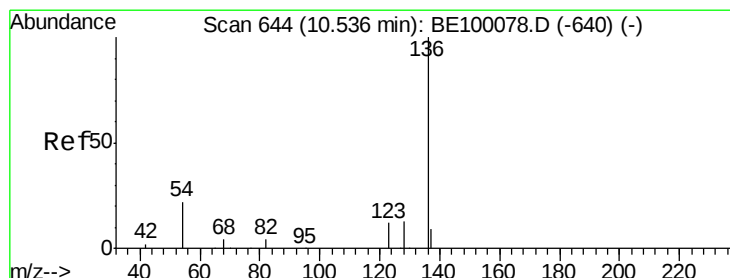
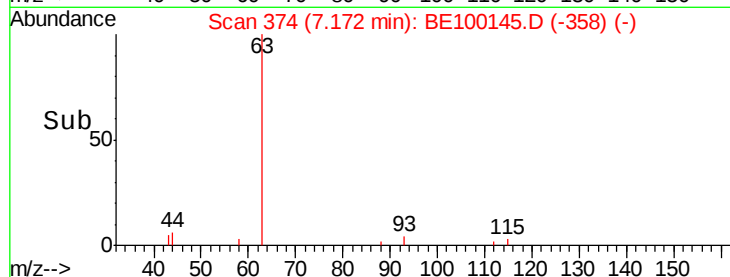
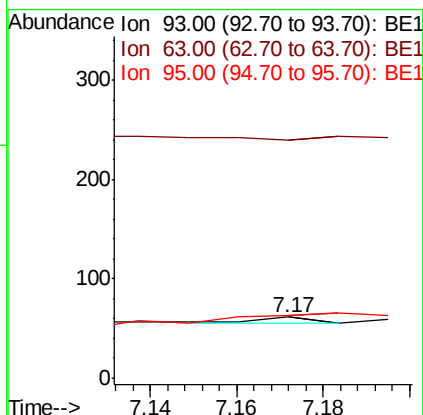
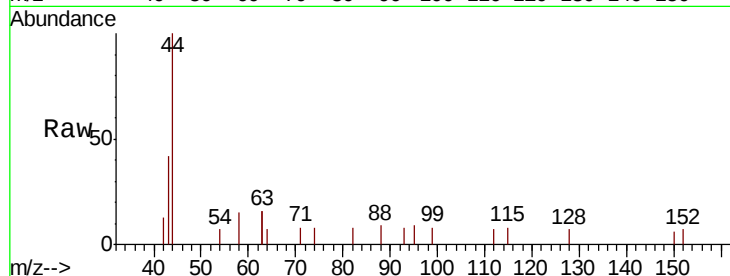


#6

bis(2-Chloroethyl)ether
Concen: 0.036 ng
RT: 7.17 min Scan# 374
Delta R.T. -0.02 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

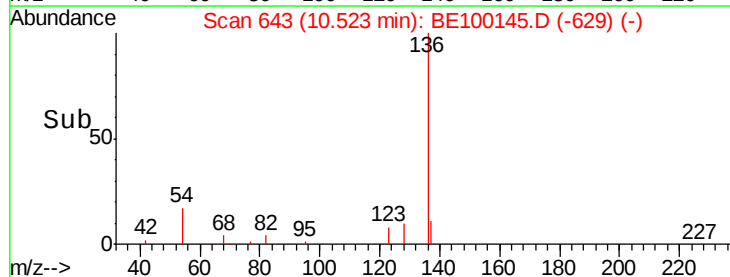
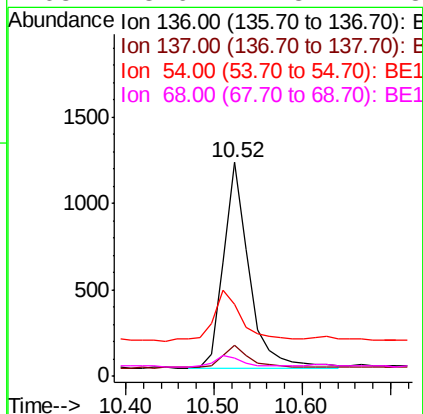
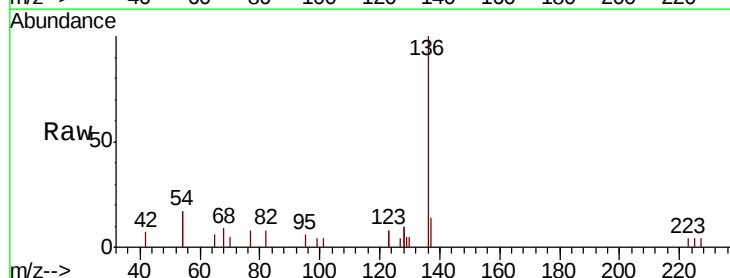
Tgt Ion: 93 Resp: 5
Ion Ratio Lower Upper
93 100
63 0.0 200.0 300.0#
95 580.0 24.0 36.0#

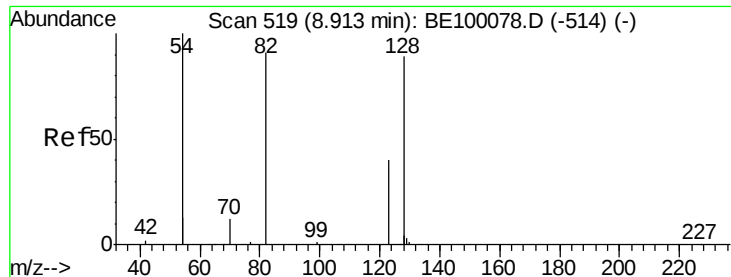


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 643
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion: 136 Resp: 2390
Ion Ratio Lower Upper
136 100
137 14.4 11.6 17.4
54 33.5 33.9 50.9#
68 8.6 7.8 11.8





#8

Nitrobenzene-d5

Concen: 0.335 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

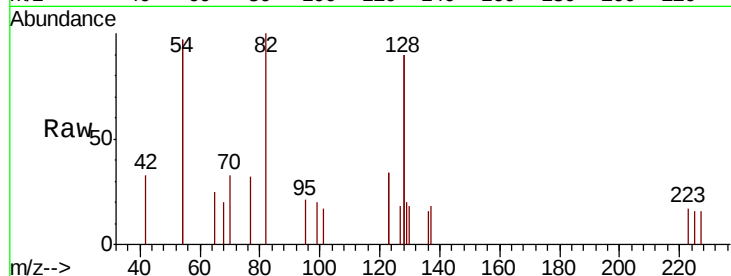
Tgt Ion: 82 Resp: 777

Ion Ratio Lower Upper

82 100

128 180.6 128.0 192.0

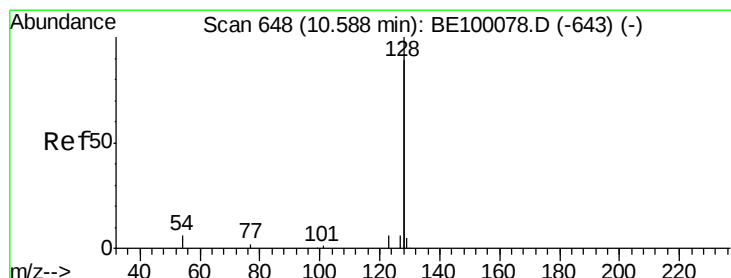
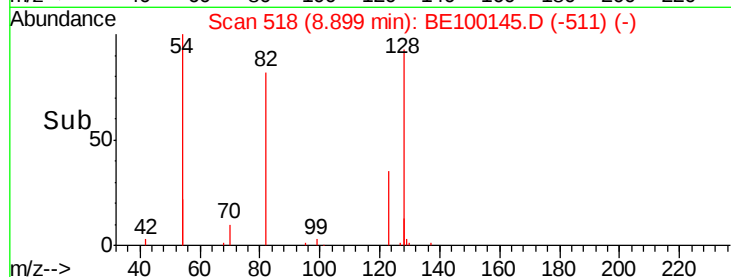
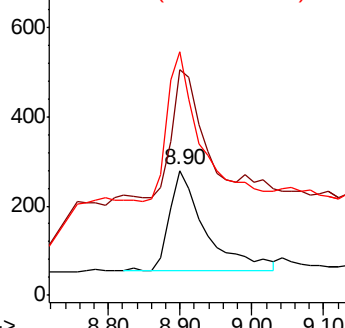
54 195.0 143.4 215.0



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: 0.605 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

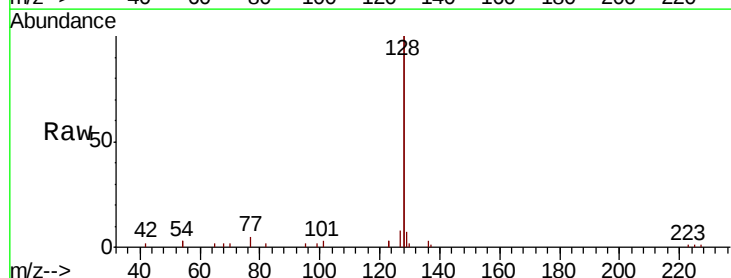
Tgt Ion: 128 Resp: 15706

Ion Ratio Lower Upper

128 100

129 3.5 3.1 4.7

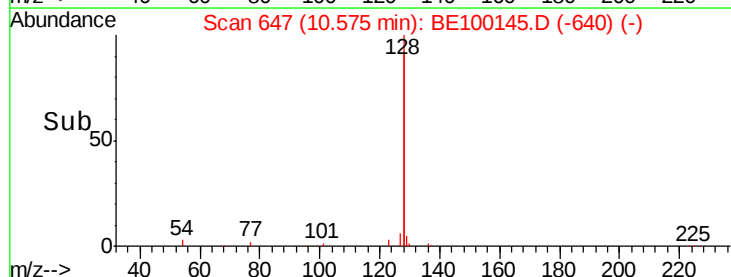
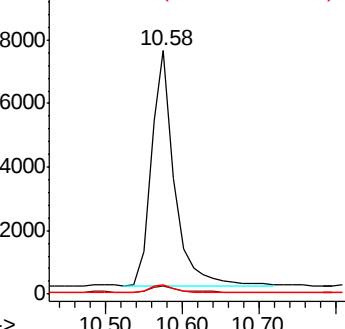
127 3.8 3.4 5.2

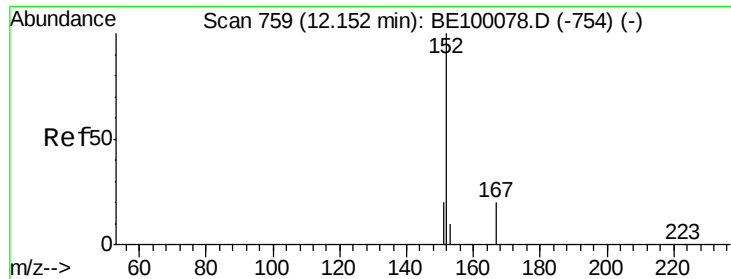


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

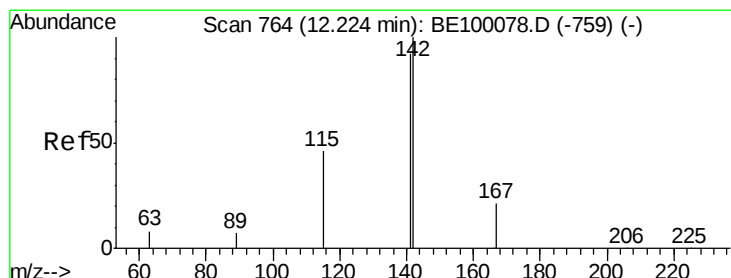
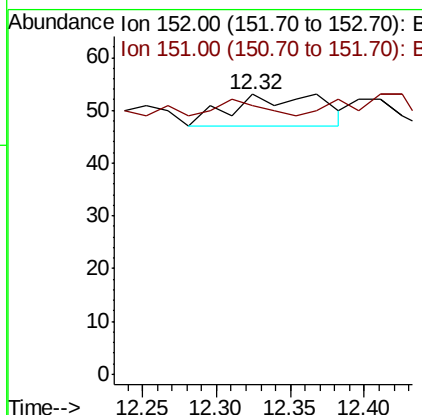
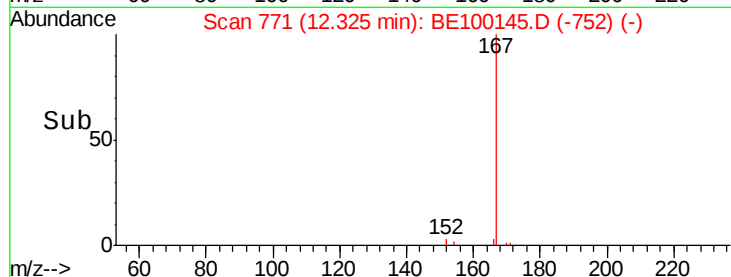
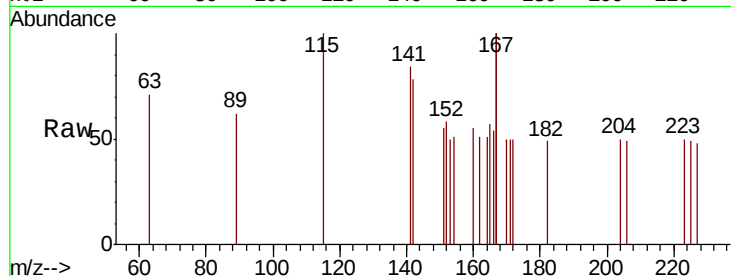




#11
2-Methylnaphthalene-d10
Concen: 0.006 ng
RT: 12.32 min Scan# 771
Delta R.T. 0.17 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

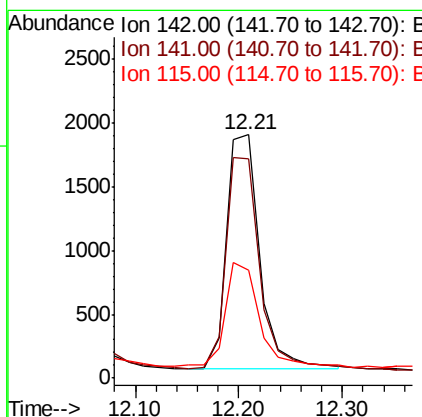
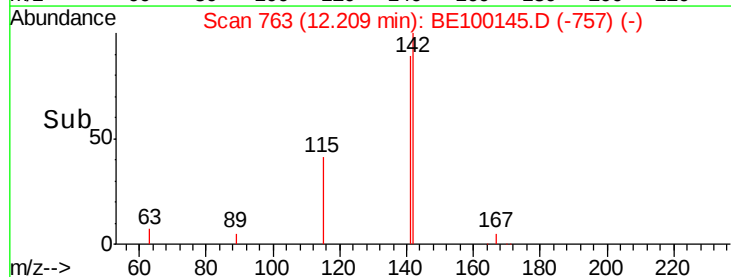
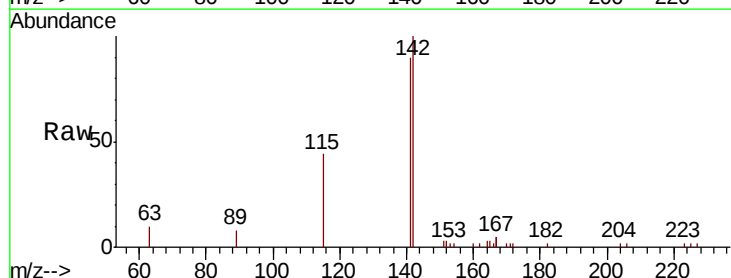
Instrument :
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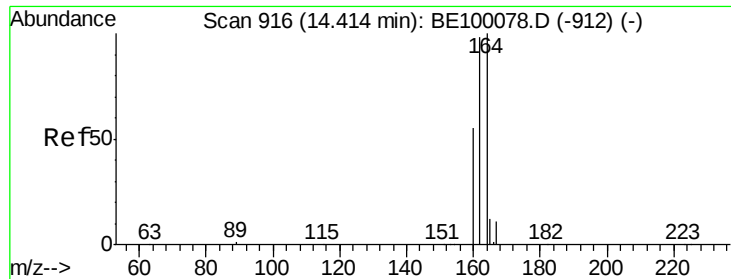
Tgt Ion:152 Resp: 26
Ion Ratio Lower Upper
152 100
151 23.1 16.3 24.5



#12
2-Methylnaphthalene
Concen: 0.963 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion:142 Resp: 4111
Ion Ratio Lower Upper
142 100
141 90.3 74.1 111.1
115 44.2 40.9 61.3

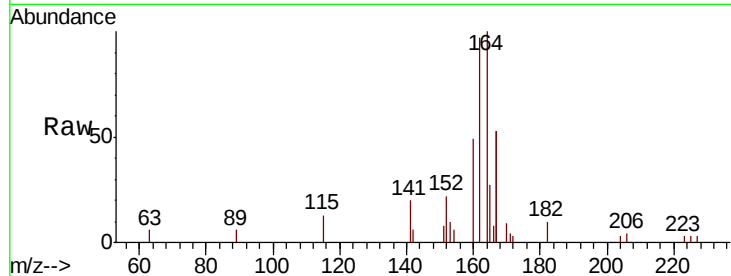




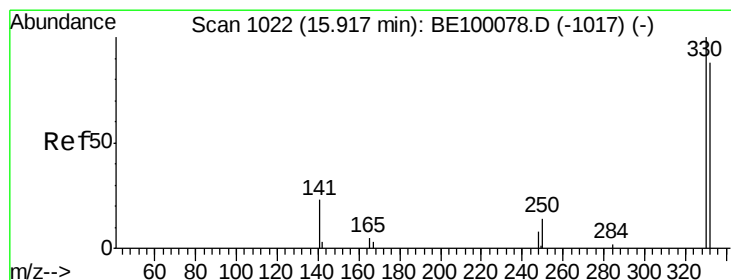
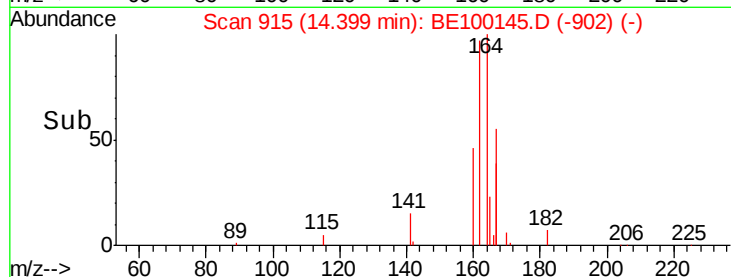
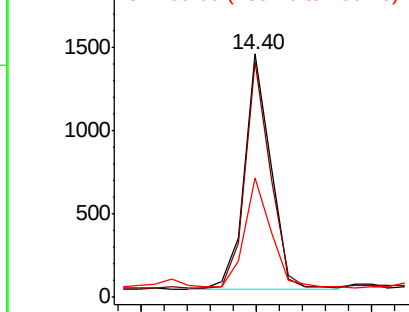
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

Tgt Ion:164 Resp: 2229
Ion Ratio Lower Upper
164 100
162 96.6 78.2 117.2
160 49.0 45.6 68.4

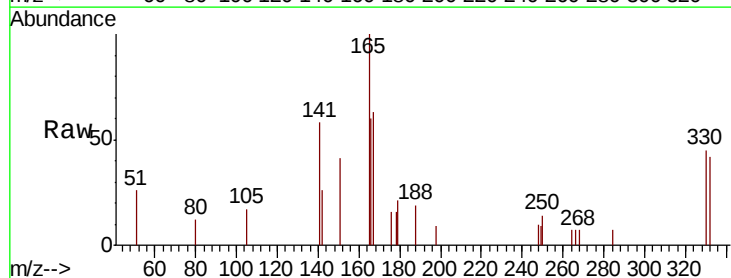


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

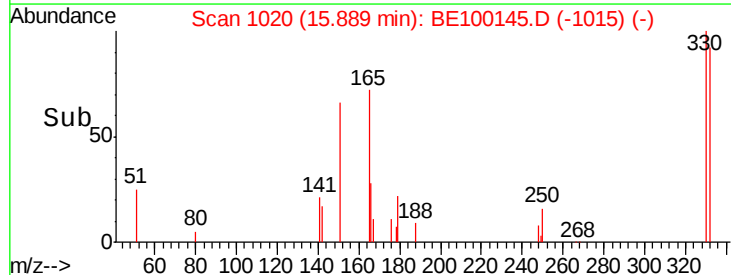
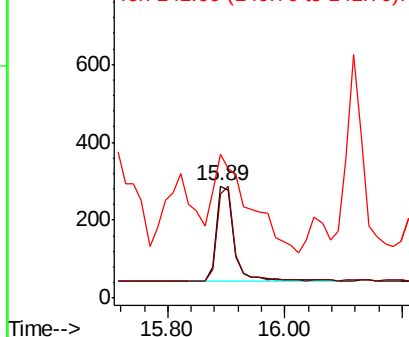


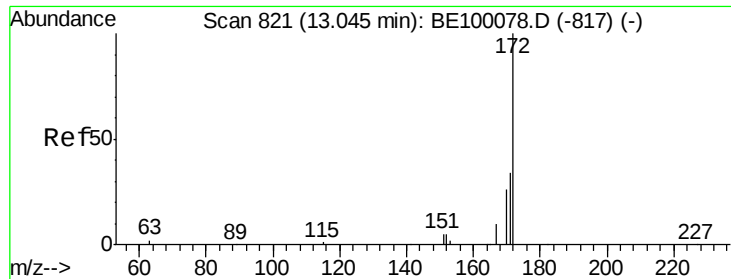
#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion:330 Resp: 516
Ion Ratio Lower Upper
330 100
332 95.9 73.3 109.9
141 212.4 22.2 33.2#



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

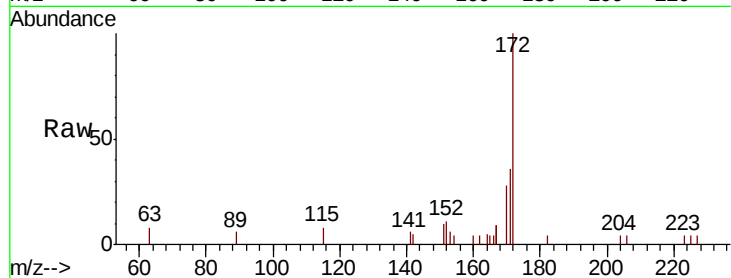




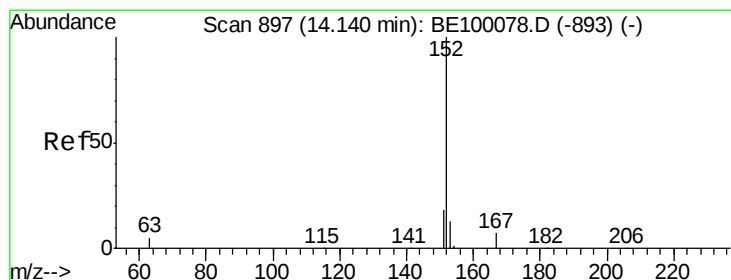
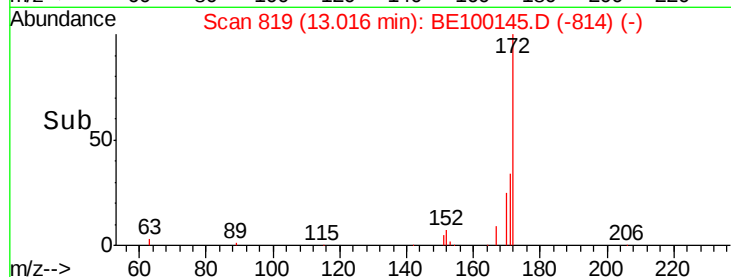
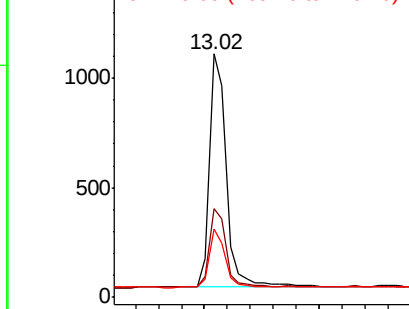
#15
2-Fluorobiphenyl
Concen: 0.246 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

Tgt Ion:172 Resp: 2161
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.8
170 28.0 23.2 34.8

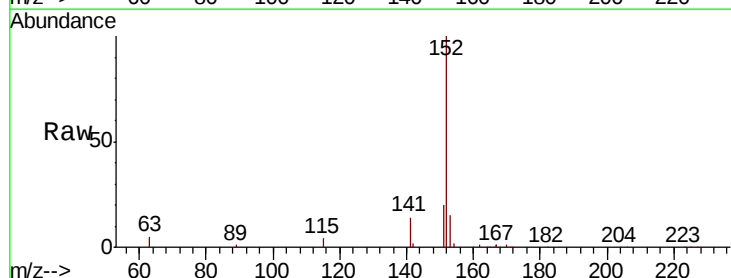


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

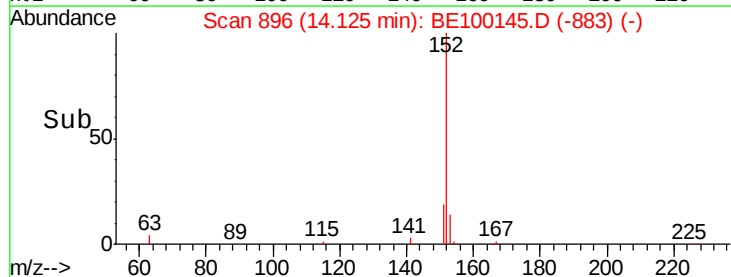
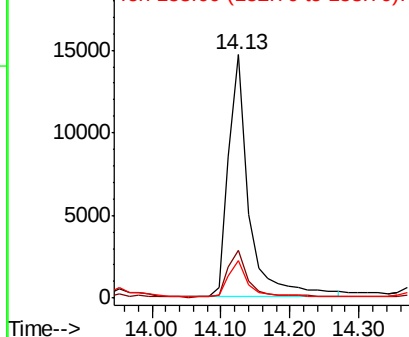


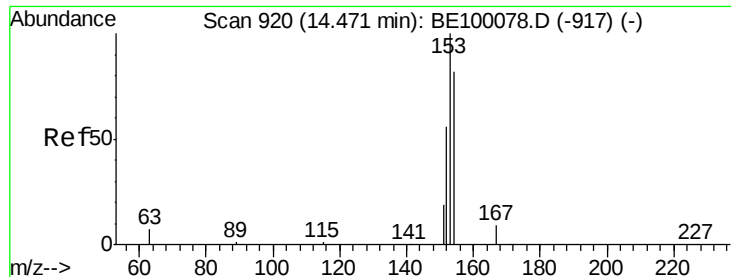
#16
Acenaphthylene
Concen: 2.853 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion:152 Resp: 30183
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 14.3 10.1 15.1



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

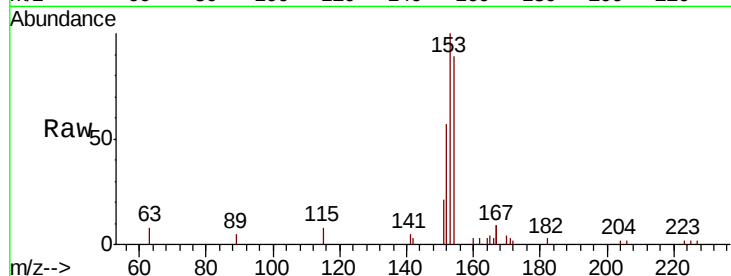




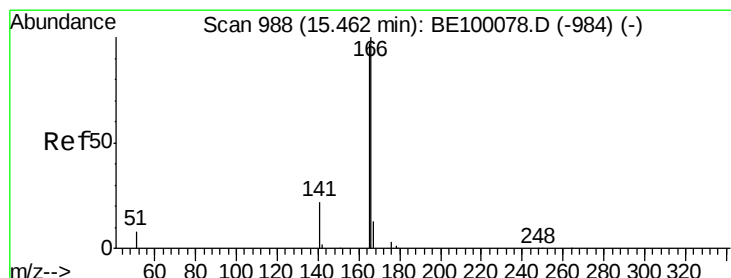
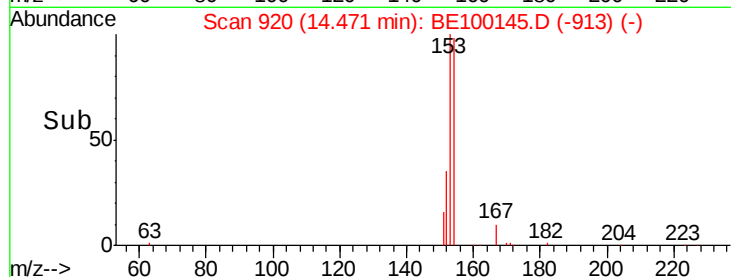
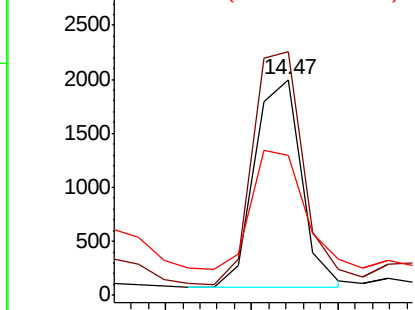
#17
Acenaphthene
Concen: 0.613 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

Tgt Ion:154 Resp: 3626
Ion Ratio Lower Upper
154 100
153 122.1 95.5 143.3
152 64.8 54.9 82.3

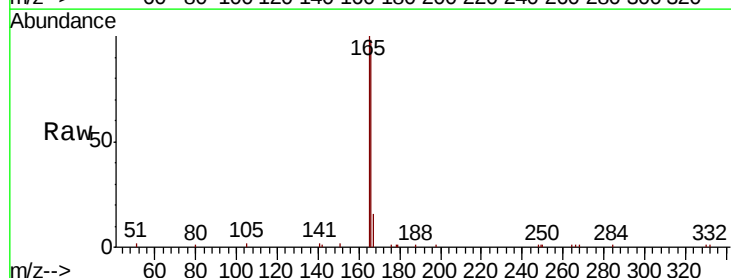


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

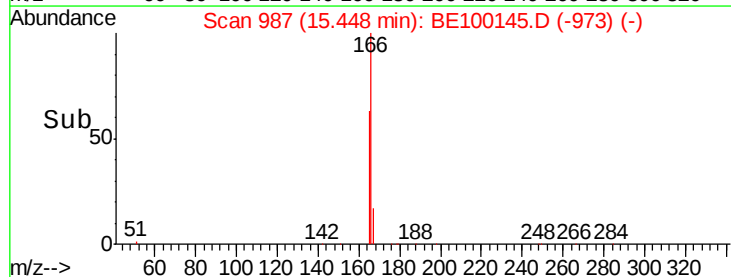
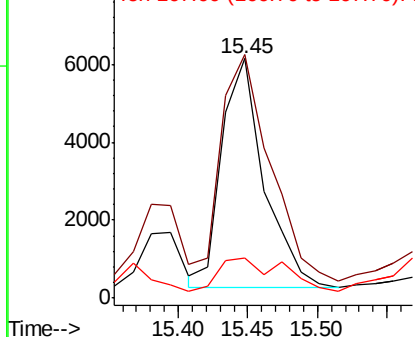


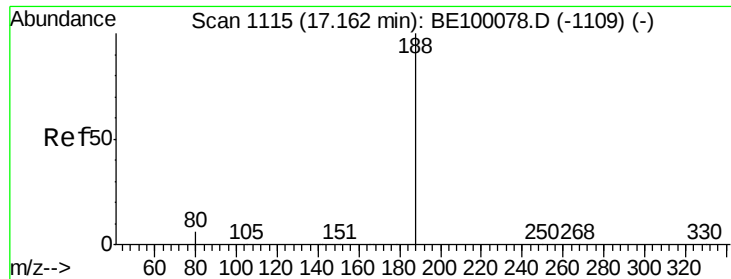
#18
Fluorene
Concen: 1.399 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion:166 Resp: 12324
Ion Ratio Lower Upper
166 100
165 114.4 79.8 119.8
167 21.9 10.2 15.4#



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

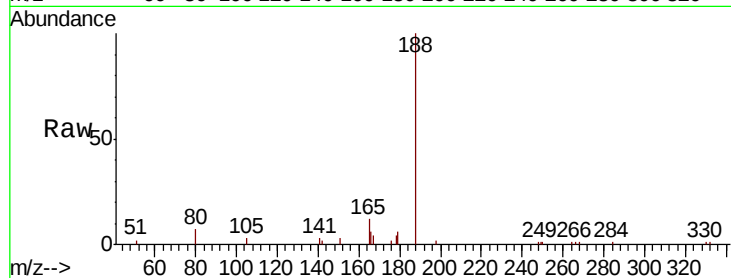
Tgt Ion:188 Resp: 7039

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

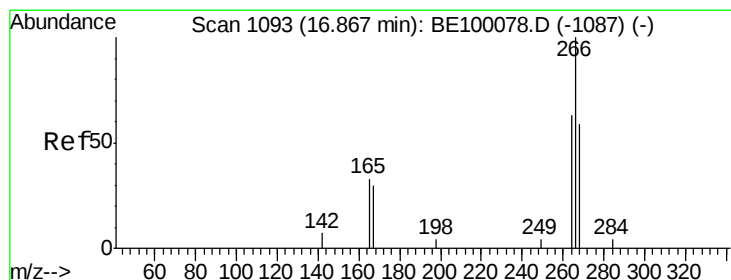
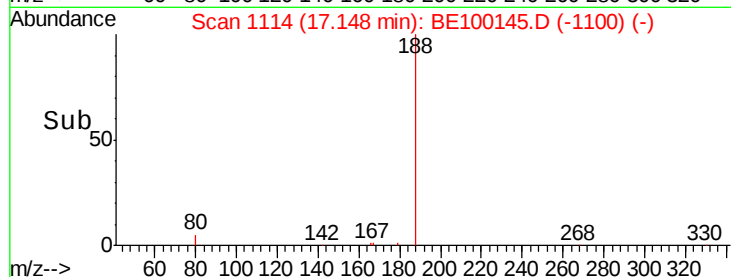
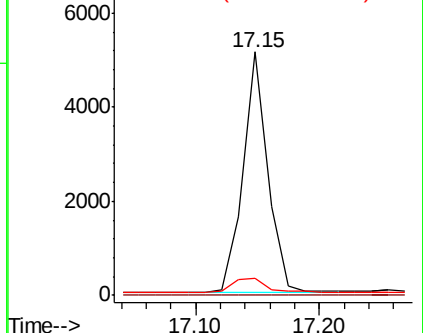
80 7.0 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.282 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.07 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

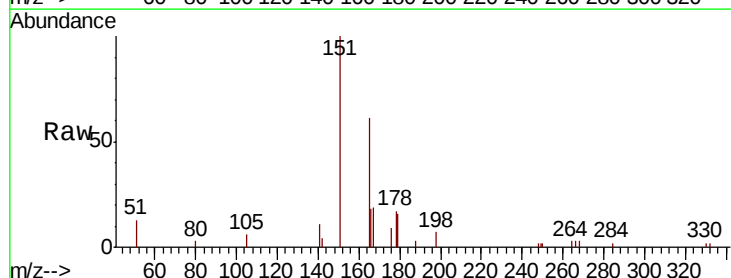
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 84.8 67.8 101.6

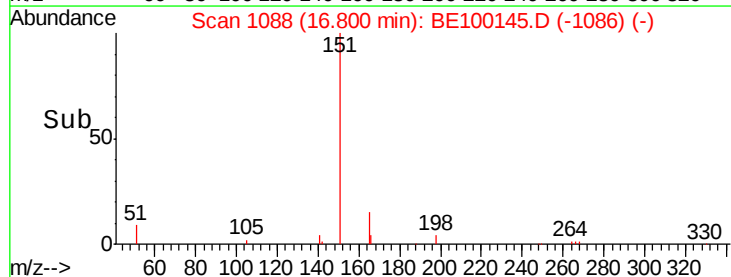
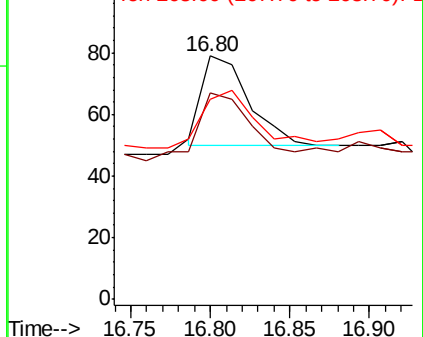
268 82.3 70.0 105.0

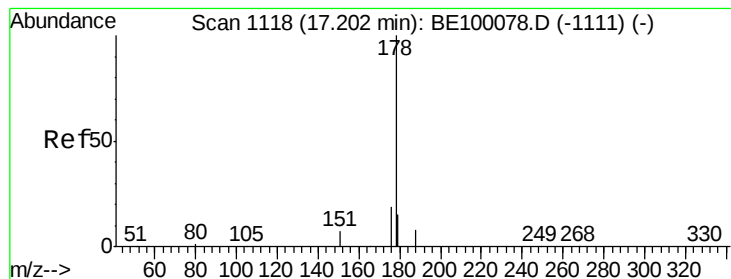


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 17.255 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

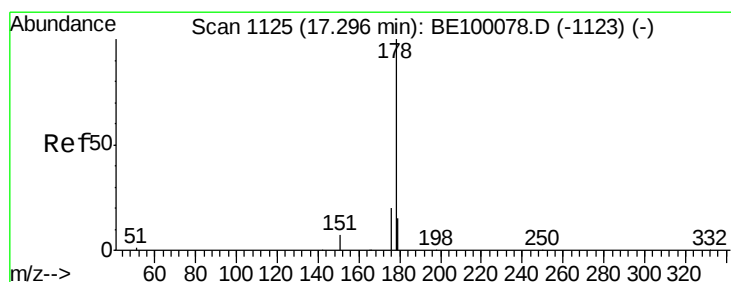
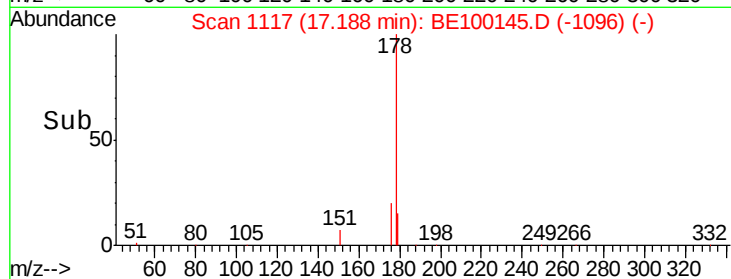
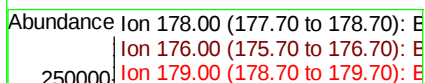
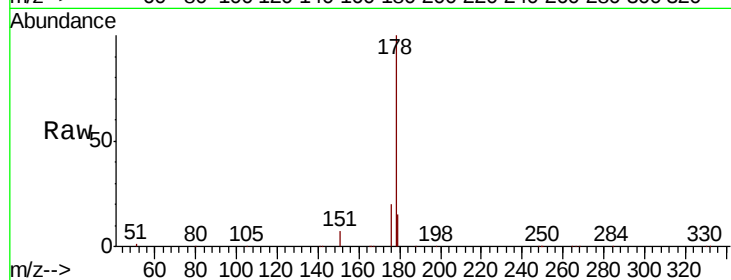
Tgt Ion:178 Resp: 291000

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

179 15.6 13.1 19.7



#24

Anthracene

Concen: 1.501 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

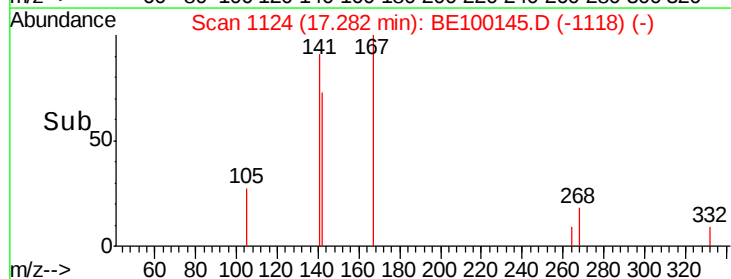
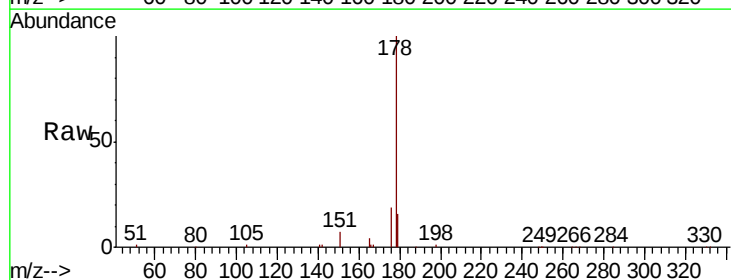
Tgt Ion:178 Resp: 21347

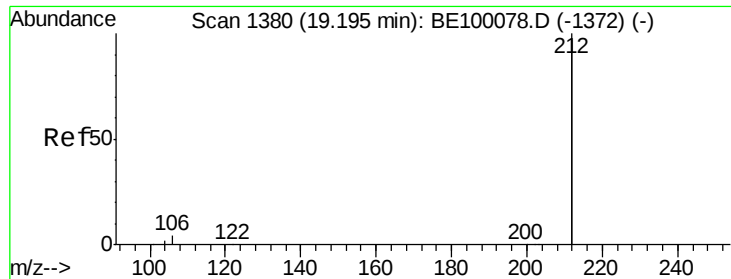
Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

179 15.3 12.0 18.0

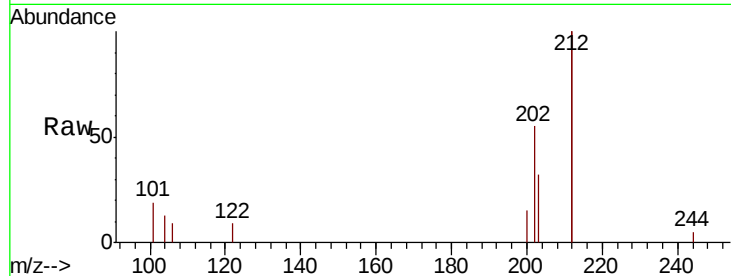




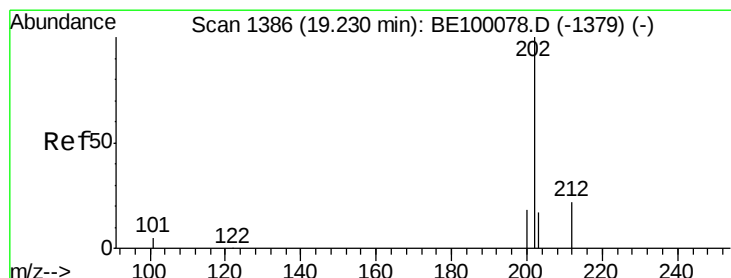
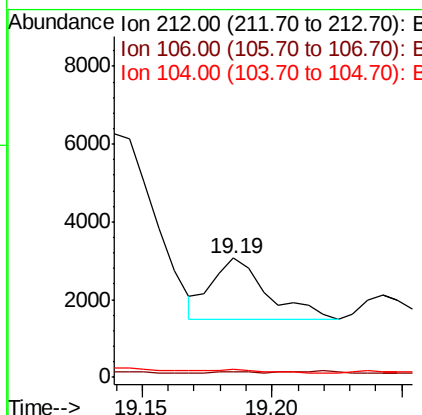
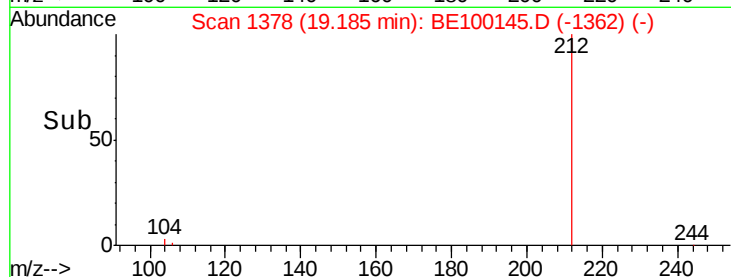
#25
Fluoranthene-d10
Concen: 0.023 ng
RT: 19.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

Tgt Ion: 212 Resp: 2333
Ion Ratio Lower Upper
212 100
106 1.5 1.4 2.0
104 4.9 0.8 1.2#

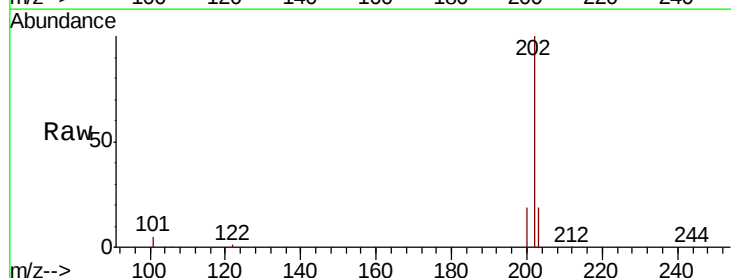


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

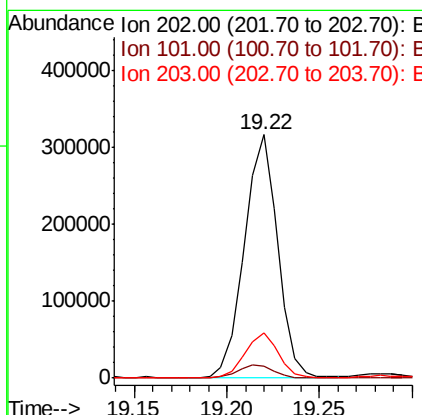
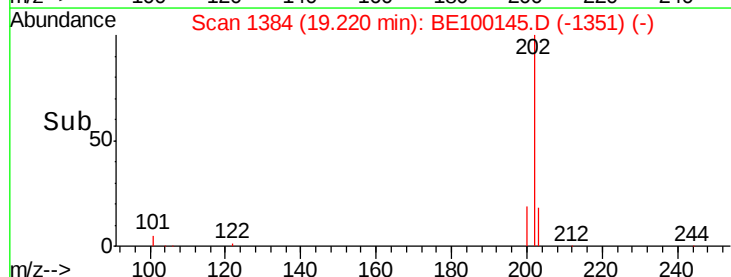


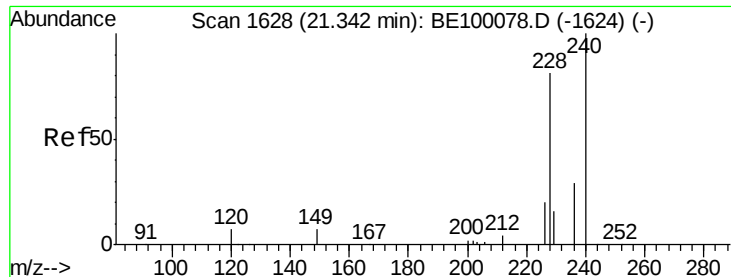
#26
Fluoranthene
Concen: 14.623 ng
RT: 19.22 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion: 202 Resp: 395888
Ion Ratio Lower Upper
202 100
101 5.8 5.0 7.4
203 18.3 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: 21.34 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

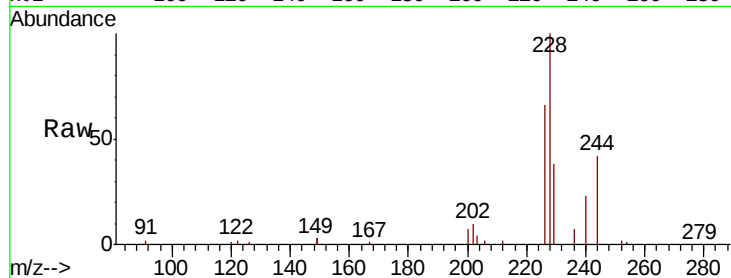
Tgt Ion:240 Resp: 10757

Ion Ratio Lower Upper

240 100

120 5.8 6.6 10.0#

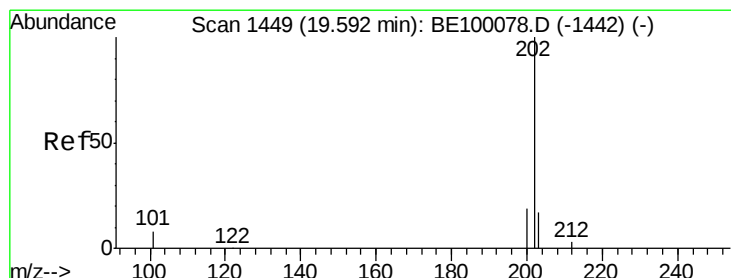
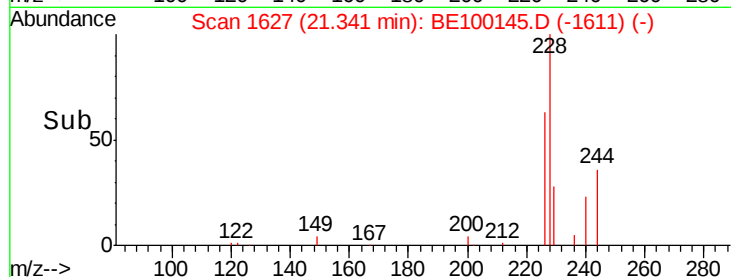
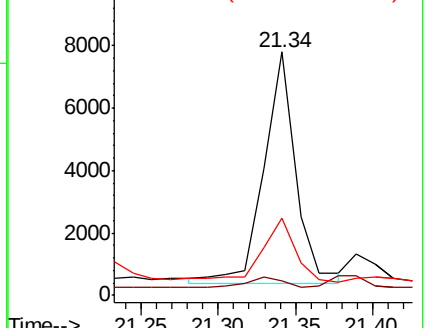
236 31.9 23.8 35.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 22.212 ng

RT: 19.58 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

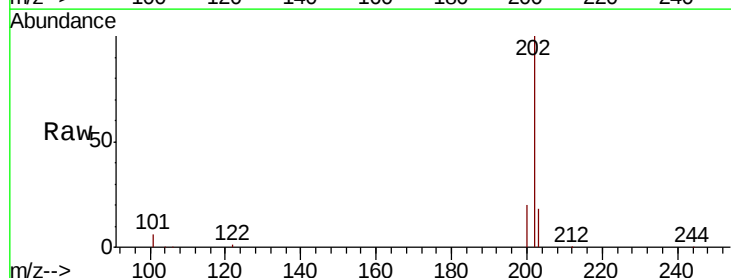
Tgt Ion:202 Resp: 614122

Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

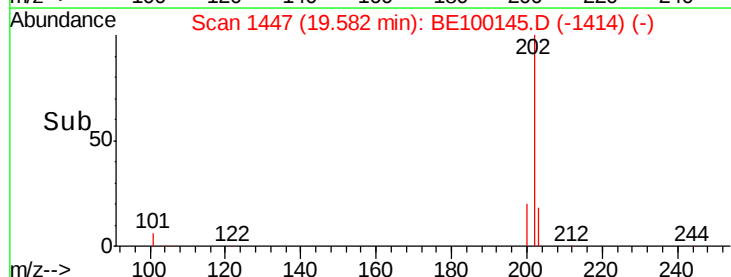
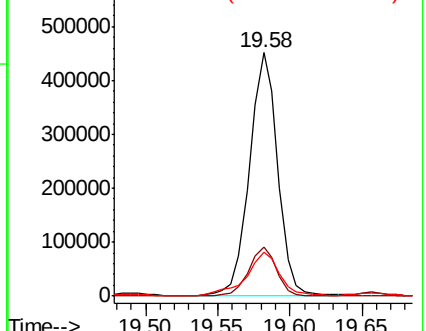
203 20.8 13.9 20.9

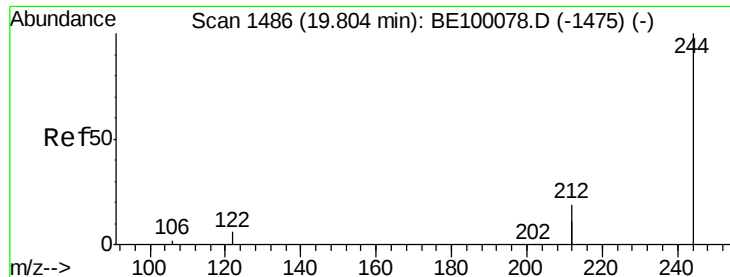


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.251 ng

RT: 19.78 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

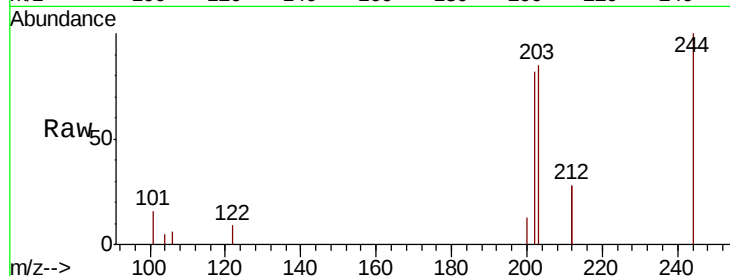
Tgt Ion:244 Resp: 5401

Ion Ratio Lower Upper

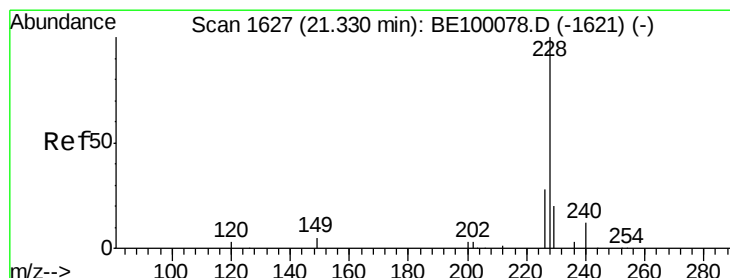
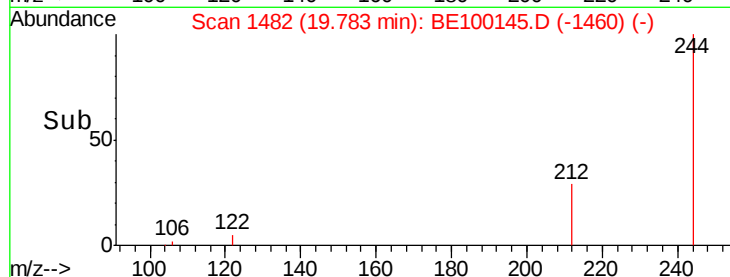
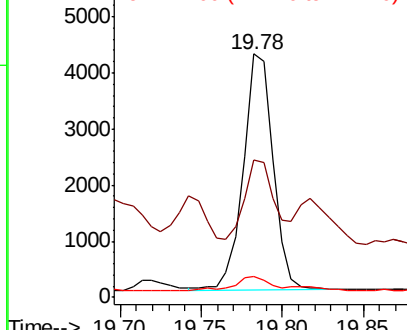
244 100

212 56.4 29.8 44.8#

122 8.7 6.1 9.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 8.631 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

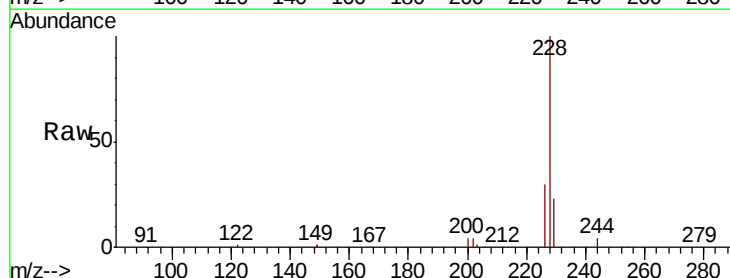
Tgt Ion:228 Resp: 276194

Ion Ratio Lower Upper

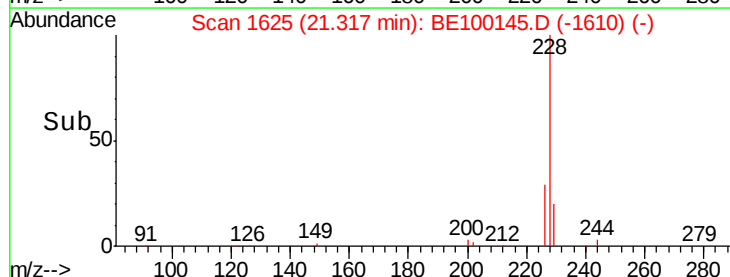
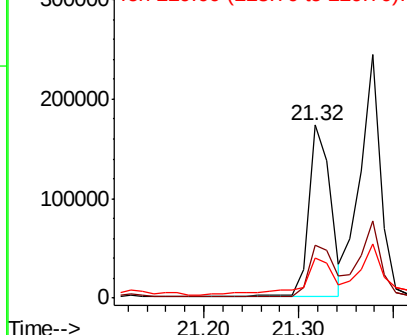
228 100

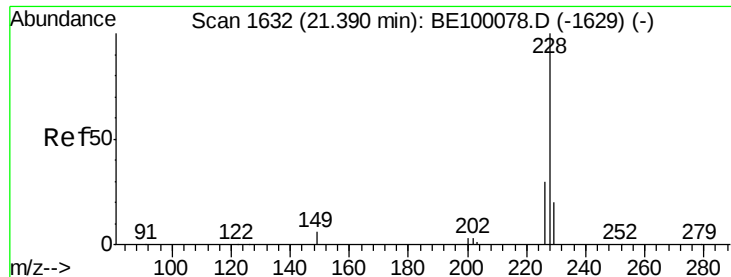
226 30.3 23.0 34.4

229 23.1 16.4 24.6



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: 9.946 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

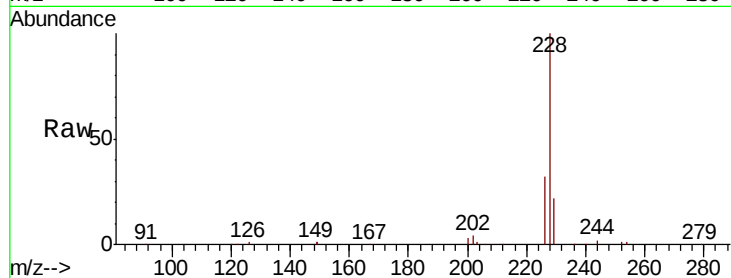
Tgt Ion: 228 Resp: 369815

Ion Ratio Lower Upper

228 100

226 31.8 23.8 35.8

229 22.1 16.3 24.5

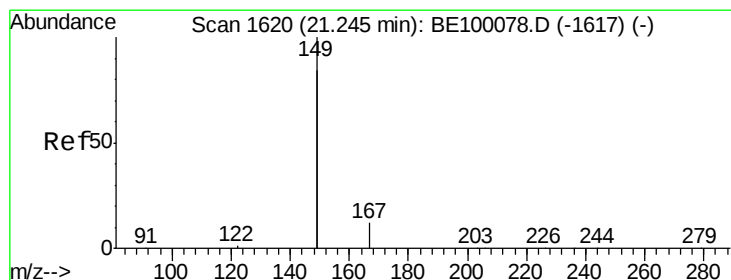
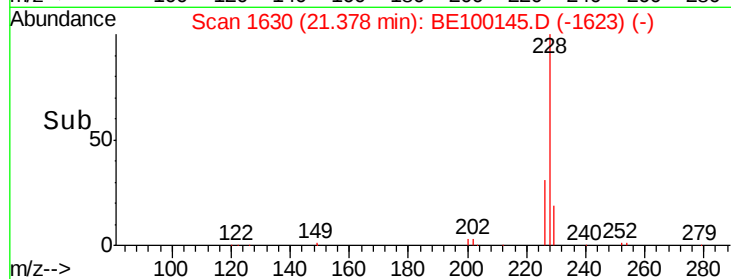
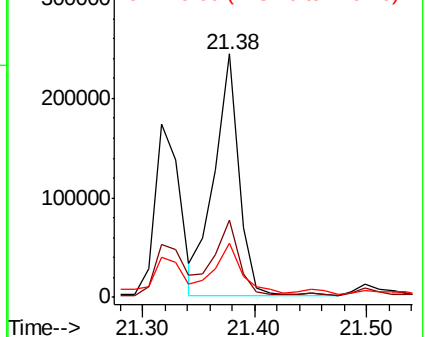


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.609 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

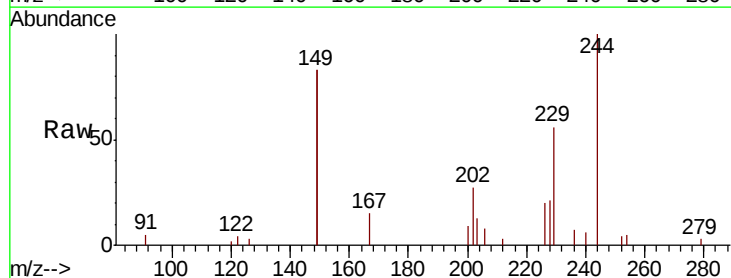
Tgt Ion: 149 Resp: 18399

Ion Ratio Lower Upper

149 100

167 8.2 5.8 8.6

279 1.4 1.1 1.7

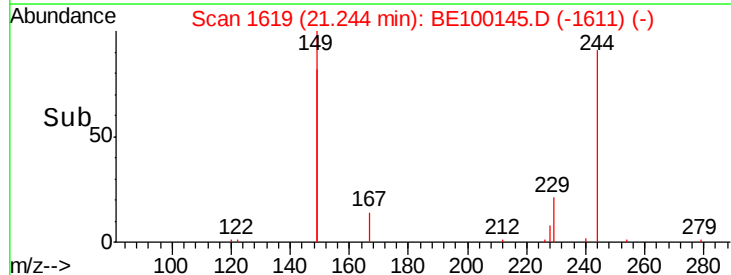
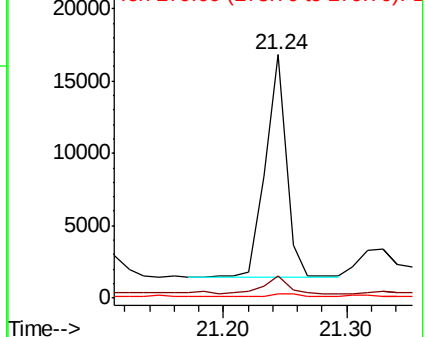


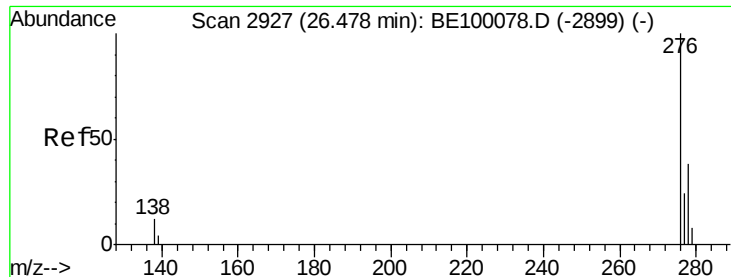
Abundance

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: 3.397 ng

RT: 26.47 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

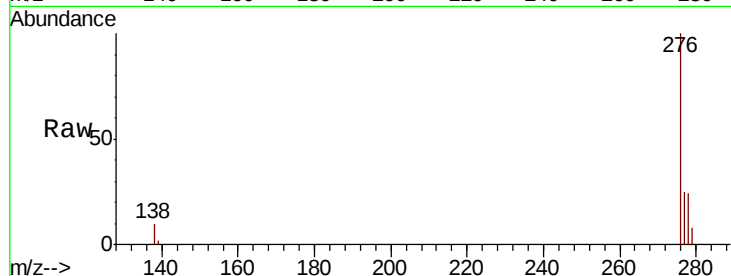
Tgt Ion: 276 Resp: 142115

Ion Ratio Lower Upper

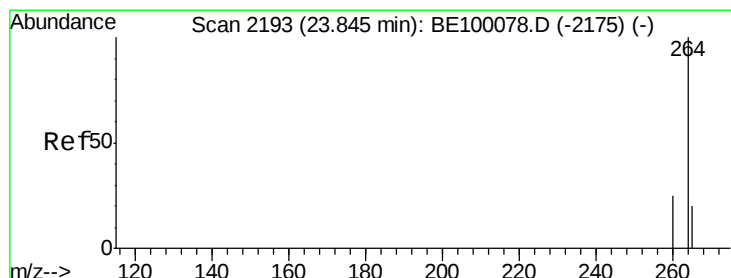
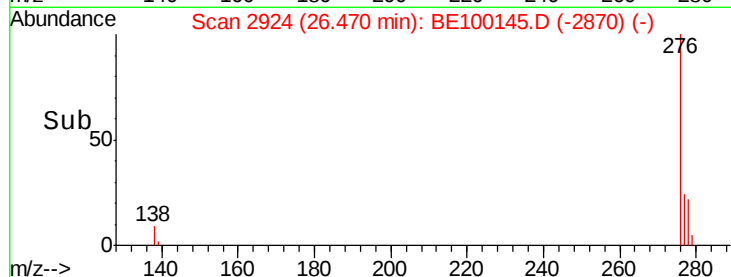
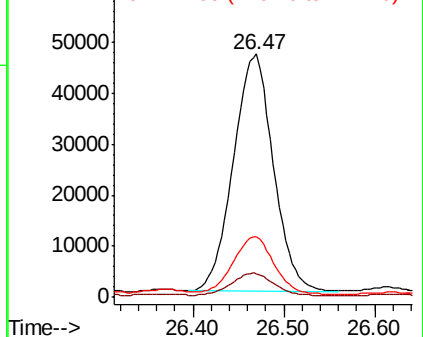
276 100

138 9.9 4.3 6.5#

277 24.9 19.4 29.0



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: 23.83 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

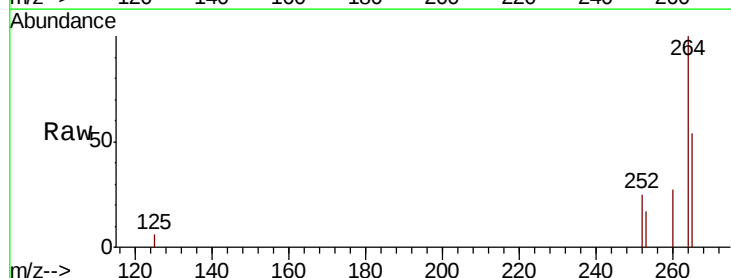
Tgt Ion: 264 Resp: 12534

Ion Ratio Lower Upper

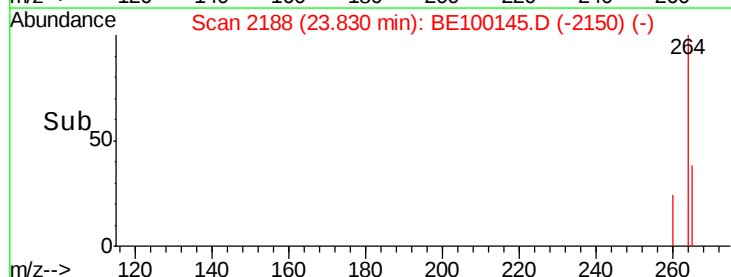
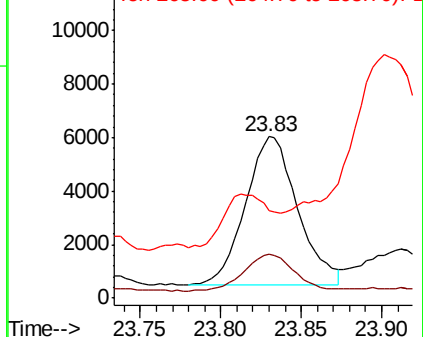
264 100

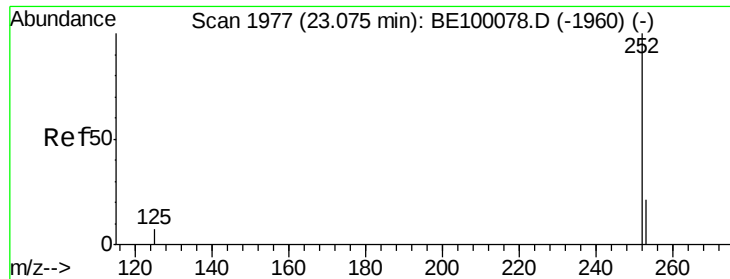
260 27.3 20.8 31.2

265 54.3 23.2 34.8#



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: 7.334 ng

RT: 23.06 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

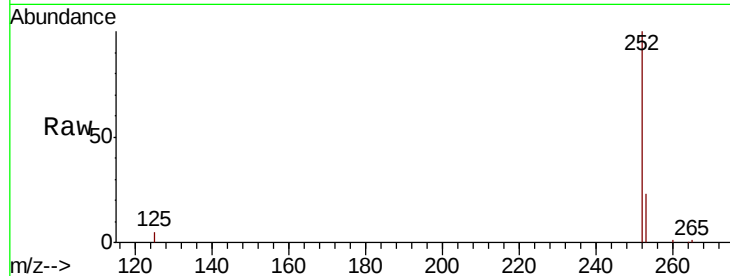
Tgt Ion:252 Resp: 269750

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

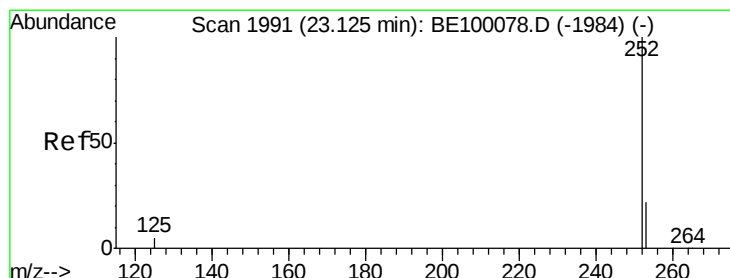
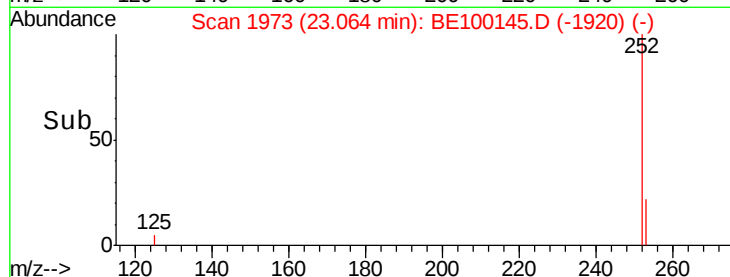
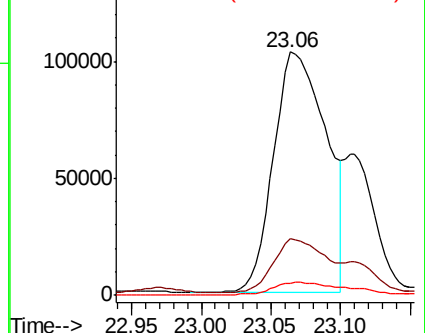
125 5.2 6.4 9.6#



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



#36

Benzo(k)fluoranthene

Concen: 1.049 ng

RT: 23.26 min Scan# 2028

Delta R.T. 0.13 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

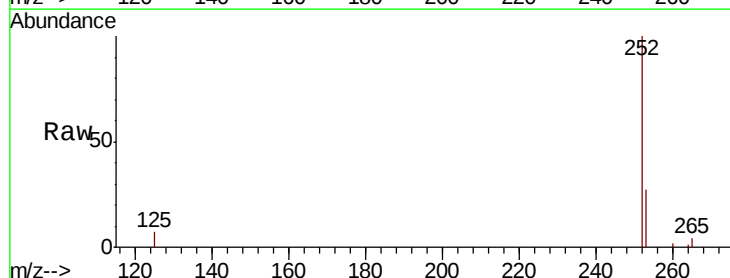
Tgt Ion:252 Resp: 43881

Ion Ratio Lower Upper

252 100

253 26.8 18.9 28.3

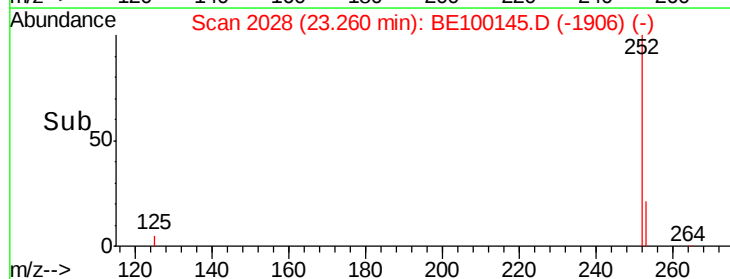
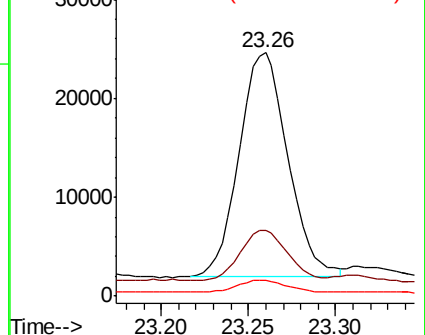
125 6.6 5.3 7.9

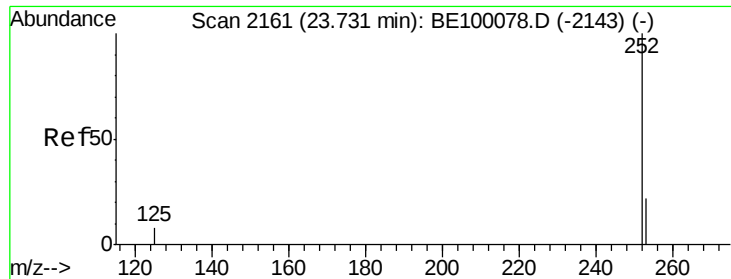


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

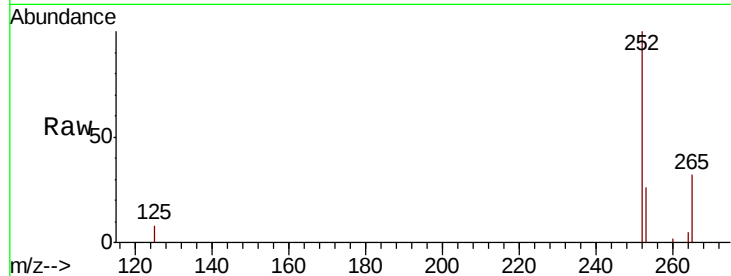




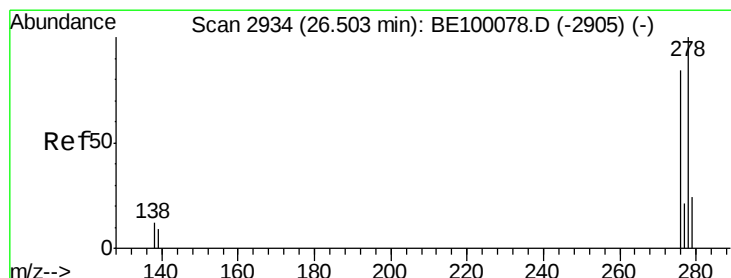
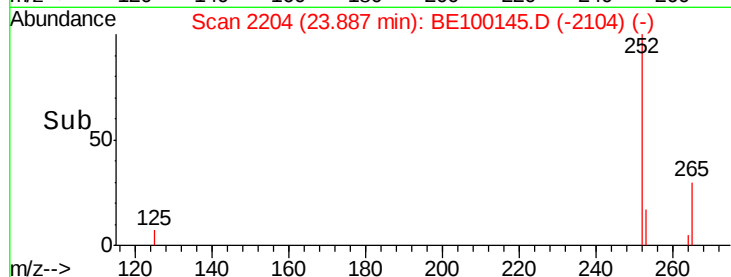
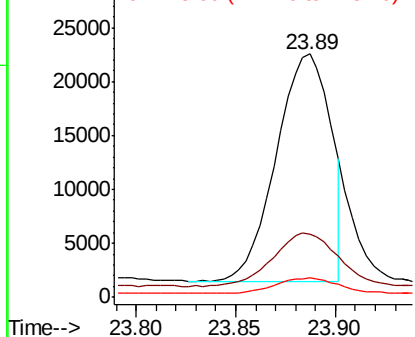
#37
Benzo(a)pyrene
Concen: 1.122 ng
RT: 23.89 min Scan# 2204
Delta R.T. 0.16 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW155-061319

Tgt Ion: 252 Resp: 39818
Ion Ratio Lower Upper
252 100
253 26.2 19.4 29.2
125 8.0 8.0 12.0

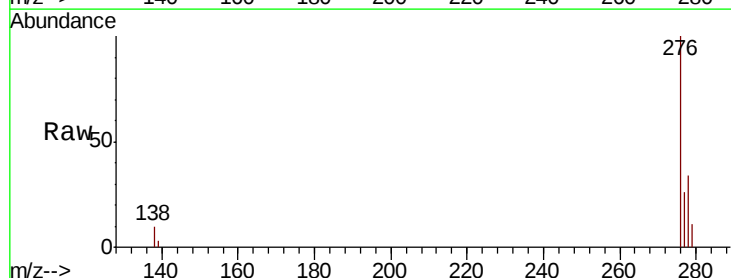


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

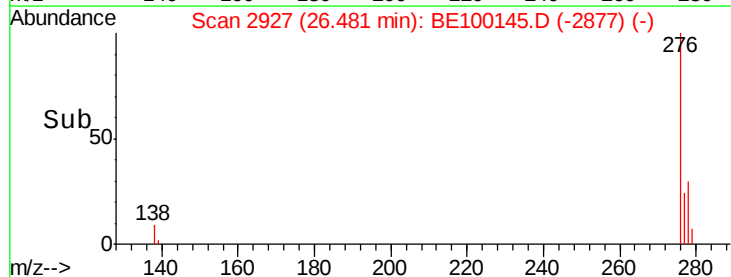
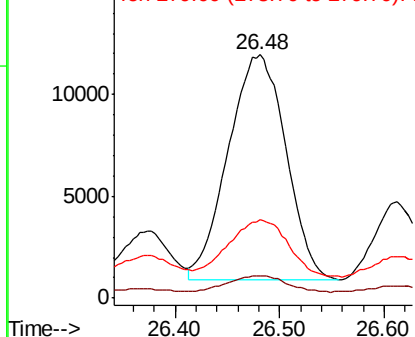


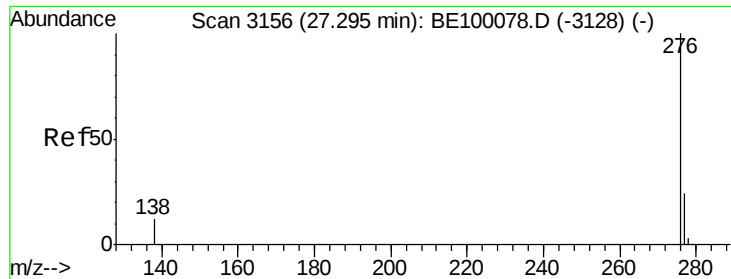
#38
Dibenzo(a,h)anthracene
Concen: 1.161 ng
RT: 26.48 min Scan# 2927
Delta R.T. -0.02 min
Lab File: BE100145.D
Acq: 21 Jun 2019 20:30

Tgt Ion: 278 Resp: 42262
Ion Ratio Lower Upper
278 100
139 8.9 9.0 13.6#
279 32.2 21.4 32.0#



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: 4.409 ng

RT: 27.28 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BE100145.D

Acq: 21 Jun 2019 20:30

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW155-061319

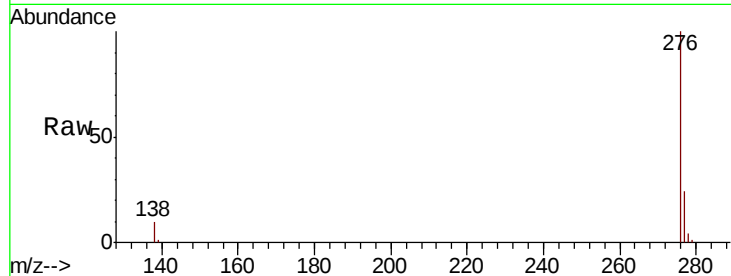
Tgt Ion: 276 Resp: 166741

Ion Ratio Lower Upper

276 100

277 24.5 20.3 30.5

138 10.2 11.3 16.9



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

