

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100151.D
 Acq On : 22 Jun 2019 2:10
 Operator : JU/SJ
 Sample : K3428-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW165-061319

Quant Time: Jun 22 03:26:43 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	750	0.40	ng	-0.02
7) Naphthalene-d8	10.52	136	2995	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2469	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	7427	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9180	0.40	ng	0.00
34) Perylene-d12	23.83	264	11340	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.30	112	713	0.46	ng	0.00
5) Phenol-d6	6.90	99	1055	0.49	ng	-0.03
8) Nitrobenzene-d5	8.90	82	1120	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	165	0.03	ng	-0.02
14) 2,4,6-Tribromophenol	15.90	330	656	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	3431	0.35	ng	-0.02
25) Fluoranthene-d10	19.19	212	2835	0.03	ng	0.00
29) Terphenyl-d14	19.79	244	6962	0.38	ng	-0.02

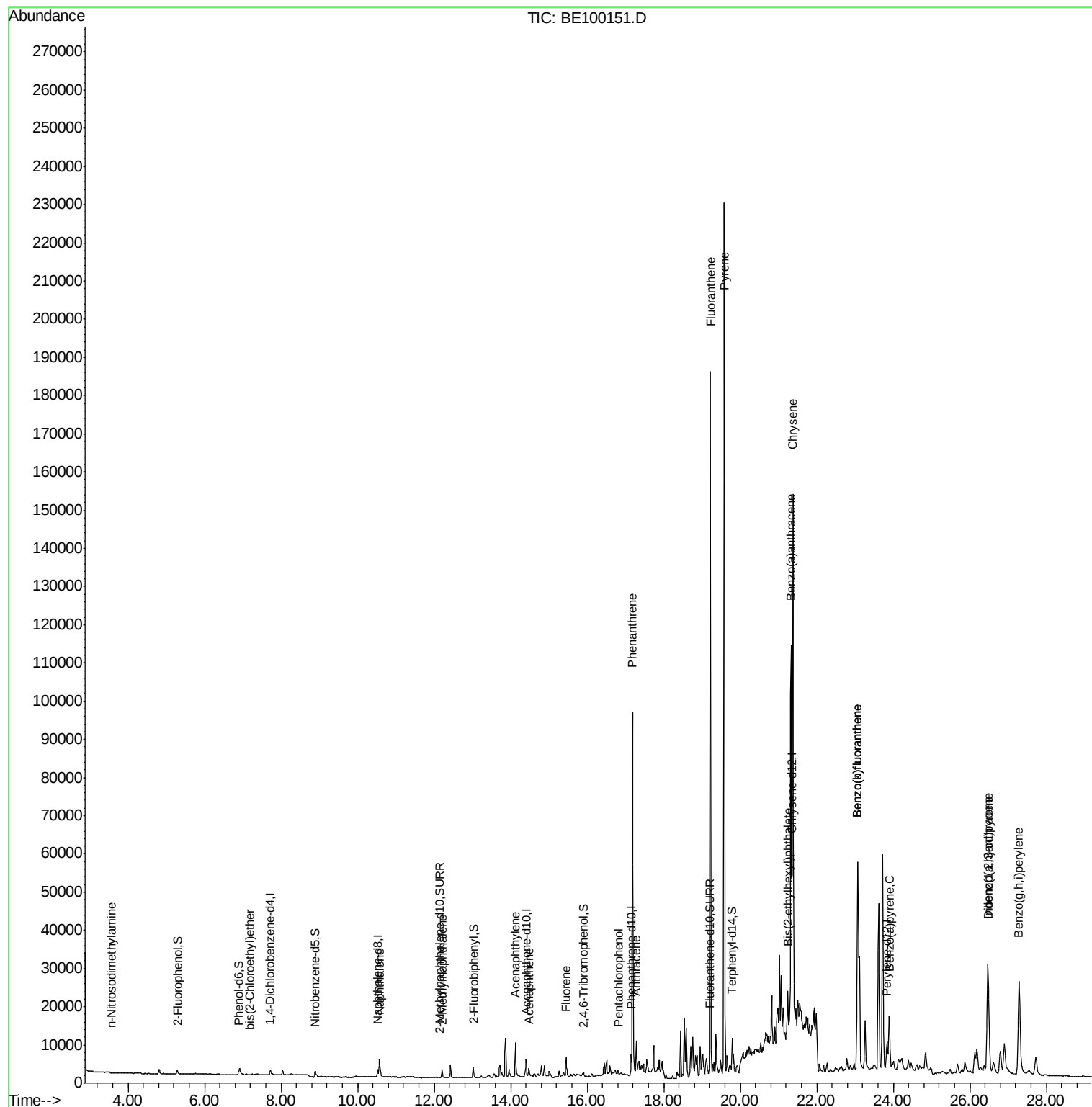
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.57	42	31	0.381	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	9	0.038	ng	# 71
9) Naphthalene	10.57	128	8386	0.258	ng	100
12) 2-Methylnaphthalene	12.21	142	1698	0.317	ng	98
16) Acenaphthylene	14.12	152	11212	0.957	ng	98
17) Acenaphthene	14.47	154	1146	0.175	ng	94
18) Fluorene	15.45	166	4457	0.457	ng	# 88
22) Pentachlorophenol	16.81	266	14	0.251	ng	89
23) Phenanthrene	17.19	178	99964	5.618	ng	99
24) Anthracene	17.28	178	8956	0.597	ng	98
26) Fluoranthene	19.22	202	165130	5.781	ng	98
28) Pyrene	19.58	202	213280	9.039	ng	97
30) Benzo(a)anthracene	21.33	228	101290	3.709	ng	93
31) Chrysene	21.38	228	131513	4.144	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	9725	0.377	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.47	276	61816	1.731	ng	# 98
35) Benzo(b)fluoranthene	23.07	252	114118	3.429	ng	# 97
36) Benzo(k)fluoranthene	23.07	252	114118	3.015	ng	99
37) Benzo(a)pyrene	23.89	252	17370	0.541	ng	93
38) Dibenzo(a,h)anthracene	26.48	278	16283	0.495	ng	# 87
39) Benzo(g,h,i)perylene	27.29	276	68694	2.008	ng	# 96

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

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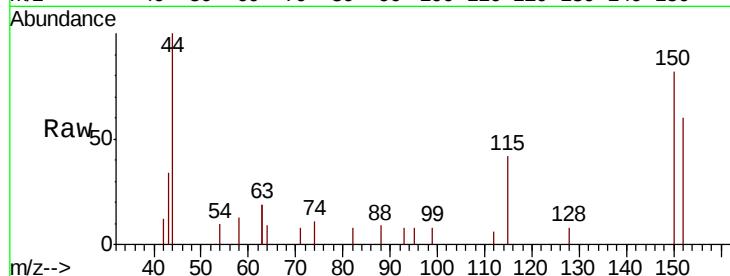


#1

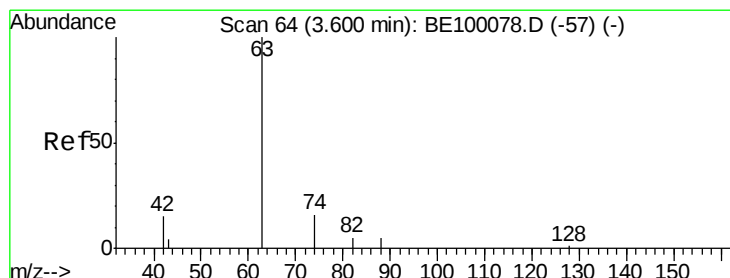
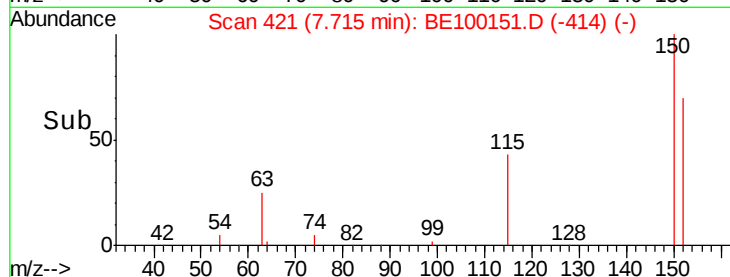
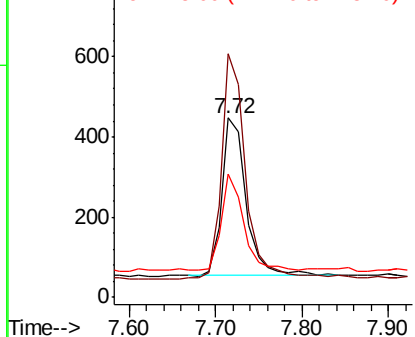
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW165-061319

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.8	99.8	149.8
115	69.1	51.3	76.9



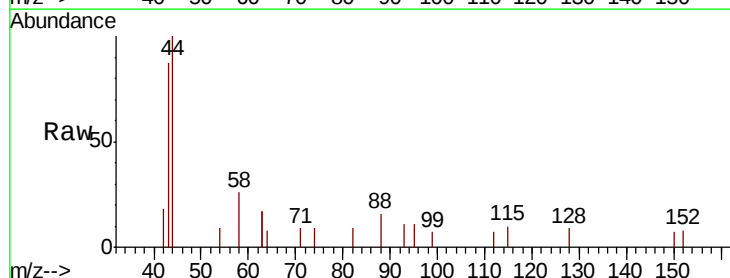
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



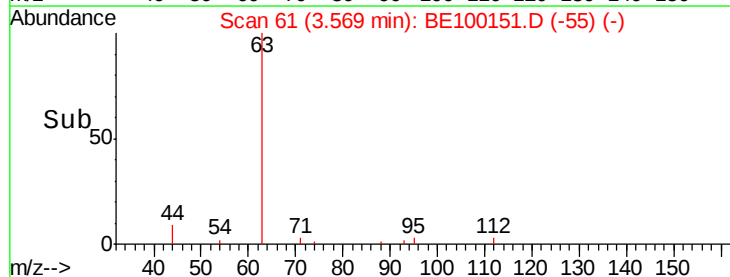
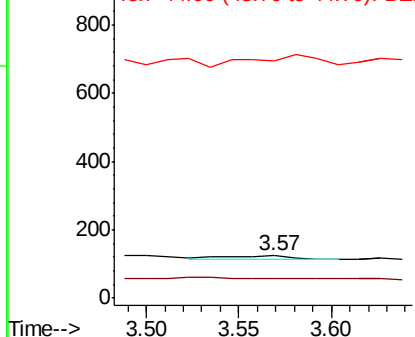
#3

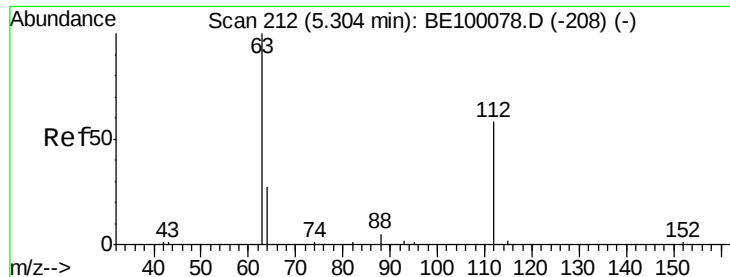
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	312.9	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: 0.458 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

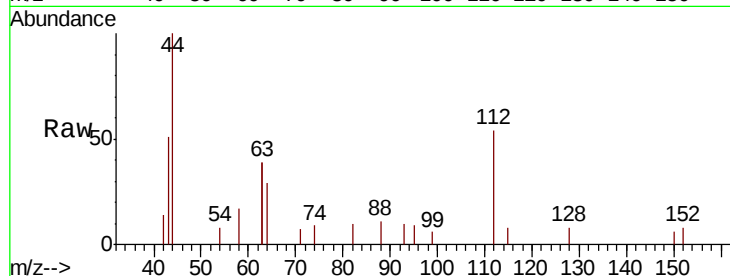
Tgt Ion: 112 Resp: 713

Ion Ratio Lower Upper

112 100

64 57.9 22.0 33.0#

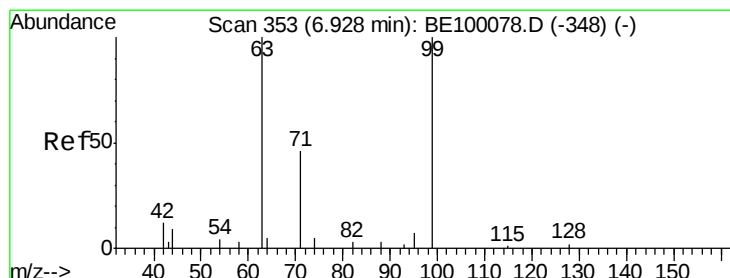
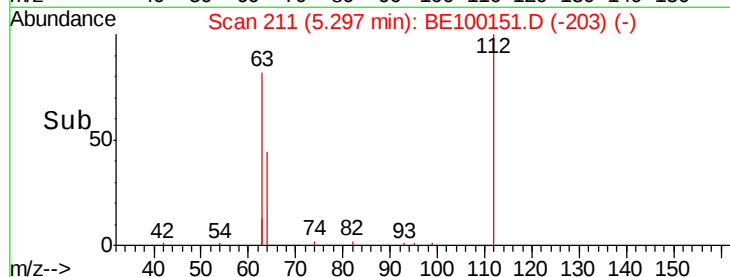
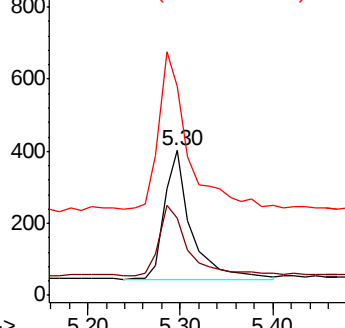
63 133.0 121.8 182.6



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

Phenol-d6

Concen: 0.494 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

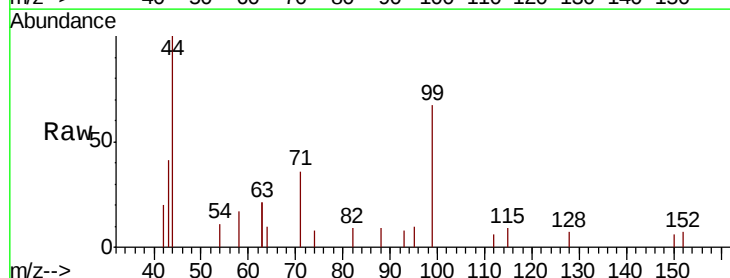
Tgt Ion: 99 Resp: 1055

Ion Ratio Lower Upper

99 100

42 21.0 0.0 0.0#

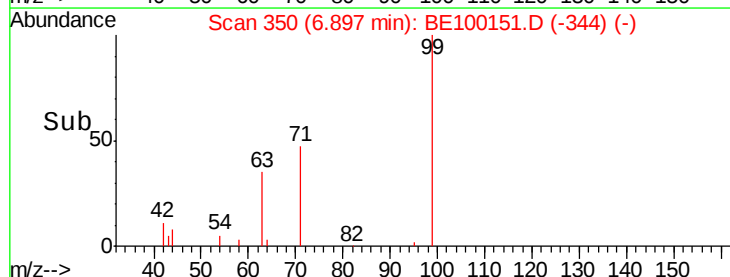
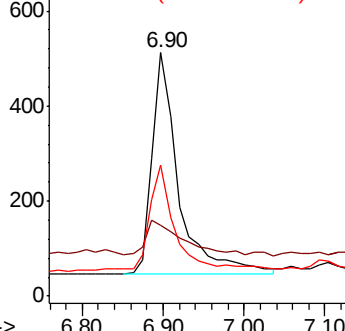
71 43.0 37.6 56.4

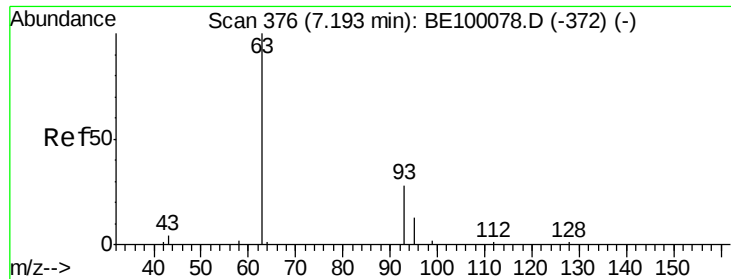


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.038 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

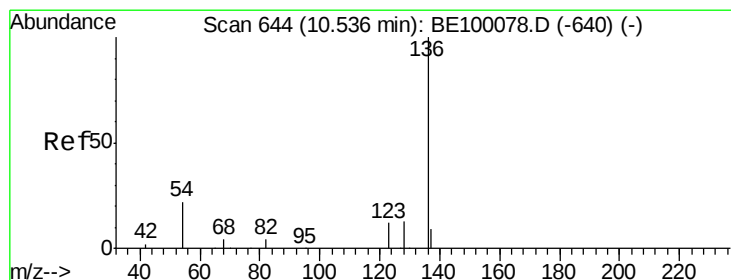
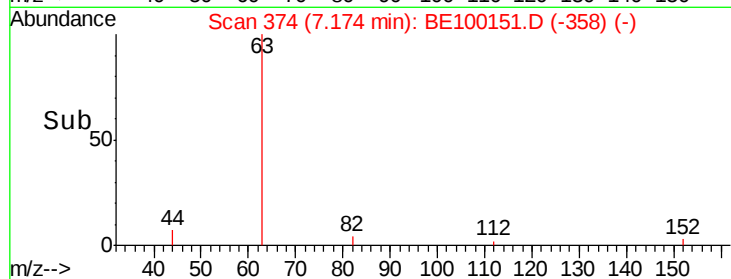
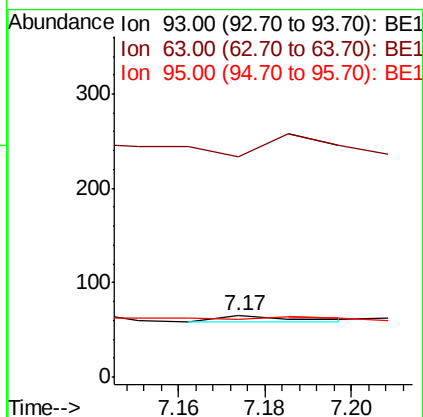
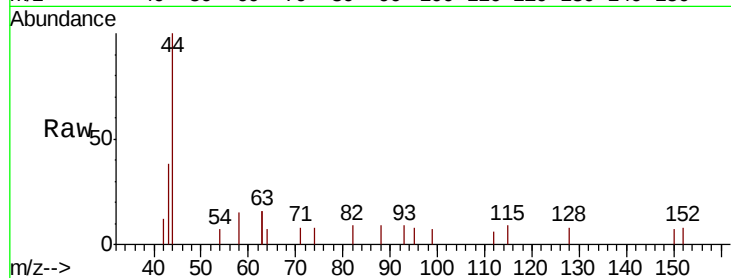
Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

Tgt Ion:	93	Resp:	9
Ion	Ratio	Lower	Upper
93	100		
63	288.9	200.0	300.0
95	77.8	24.0	36.0#



#7

Naphthalene-d8

Concen: 0.400 ng

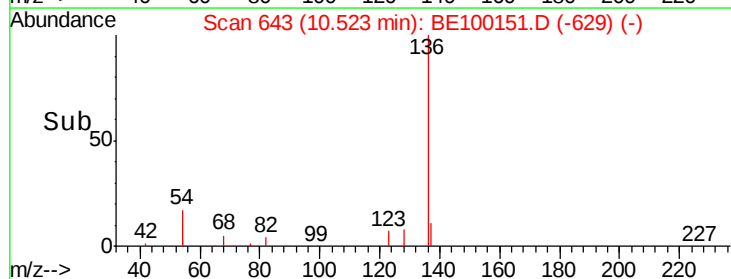
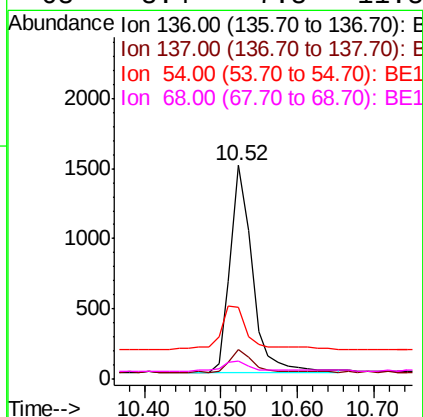
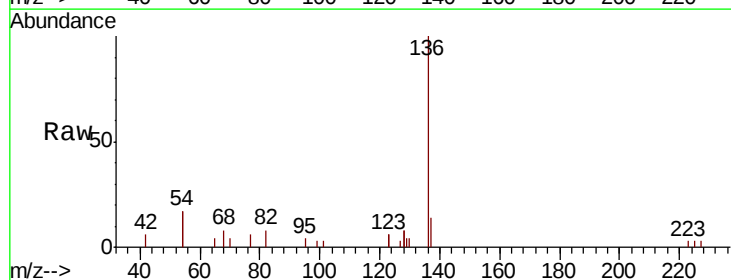
RT: 10.52 min Scan# 643

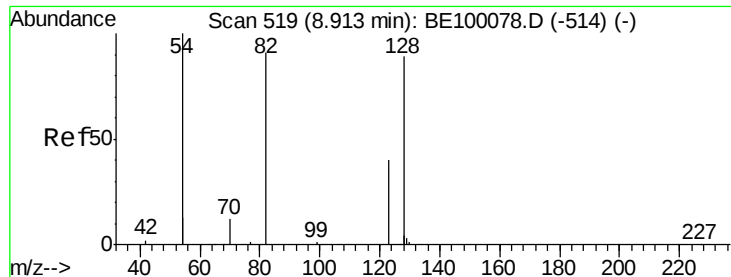
Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Tgt Ion:	136	Resp:	2995
Ion	Ratio	Lower	Upper
136	100		
137	13.9	11.6	17.4
54	33.4	33.9	50.9#
68	8.4	7.8	11.8





#8

Nitrobenzene-d5

Concen: 0.386 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

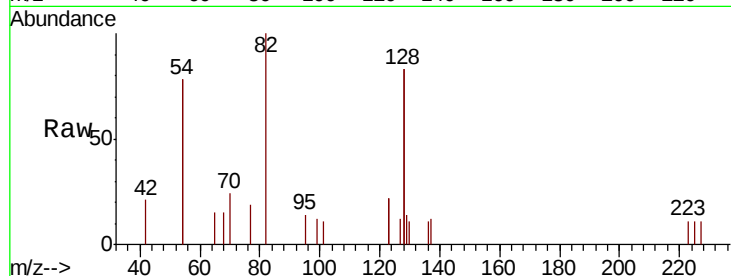
Tgt Ion: 82 Resp: 1120

Ion Ratio Lower Upper

82 100

128 166.9 128.0 192.0

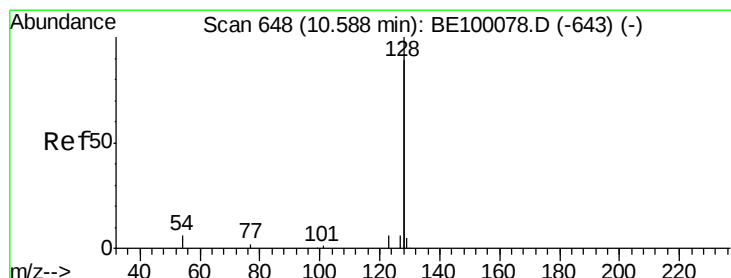
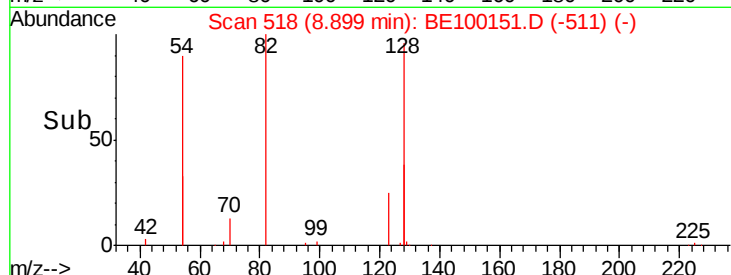
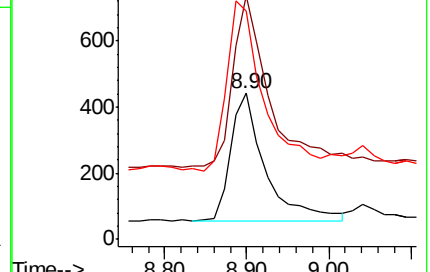
54 156.5 143.4 215.0



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: 0.258 ng

RT: 10.57 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

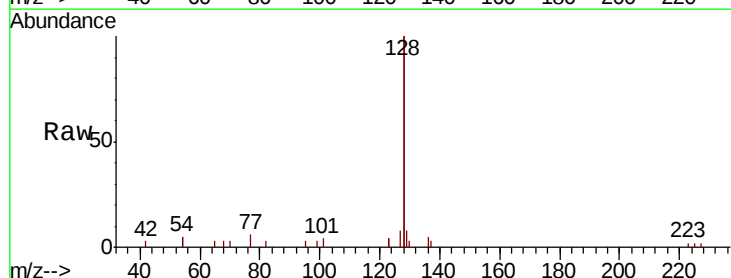
Tgt Ion: 128 Resp: 8386

Ion Ratio Lower Upper

128 100

129 4.0 3.1 4.7

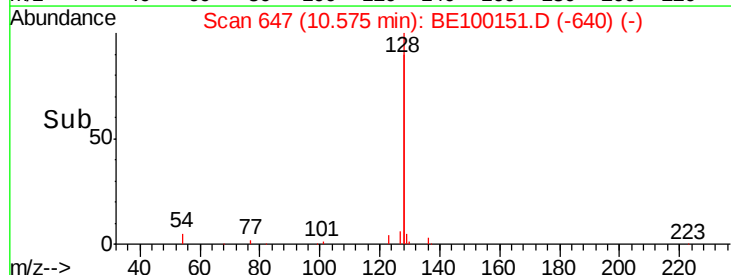
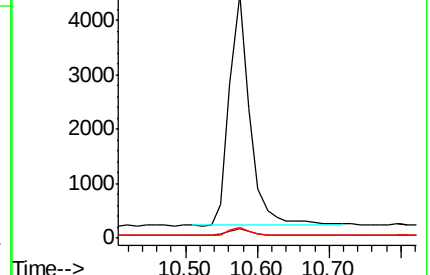
127 4.2 3.4 5.2

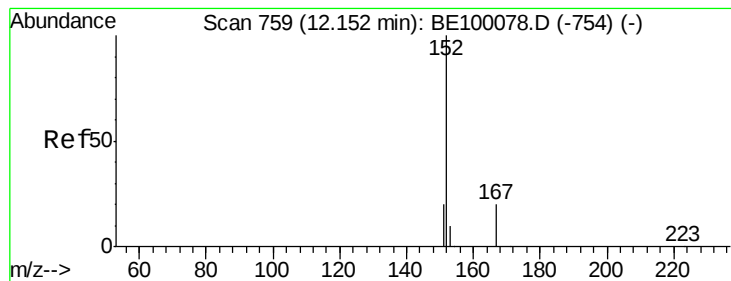


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.029 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.02 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

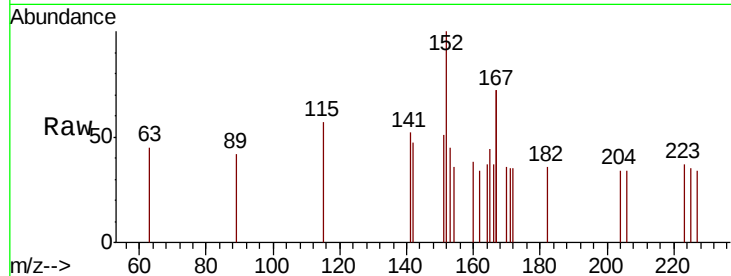
EXT-013-SW165-061319

Tgt Ion:152 Resp: 165

Ion Ratio Lower Upper

152 100

151 23.6 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

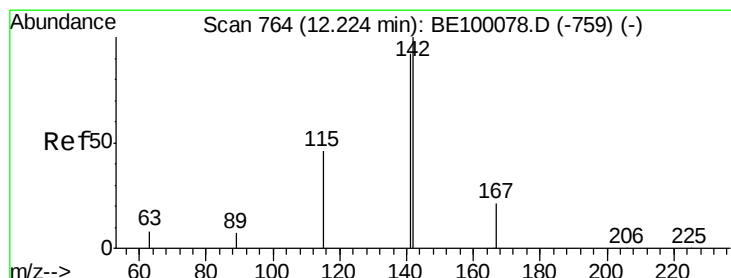
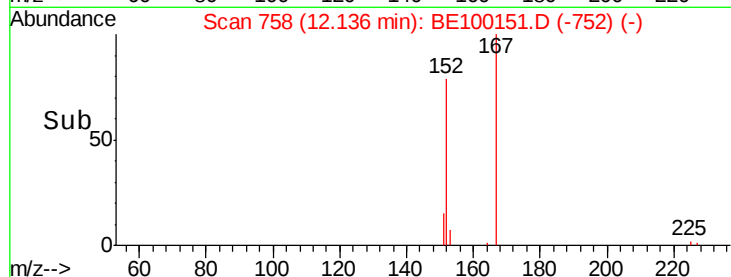
12.14

100

50

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.317 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.02 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

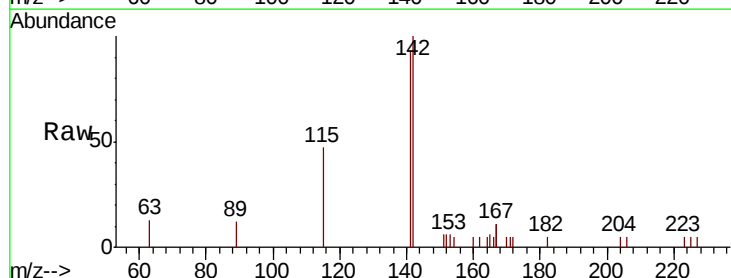
Tgt Ion:142 Resp: 1698

Ion Ratio Lower Upper

142 100

141 93.0 74.1 111.1

115 47.2 40.9 61.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.21

1200

1000

800

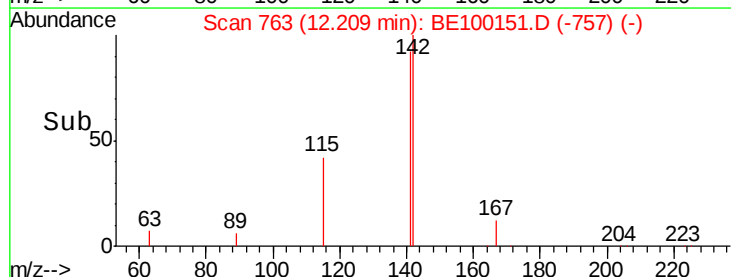
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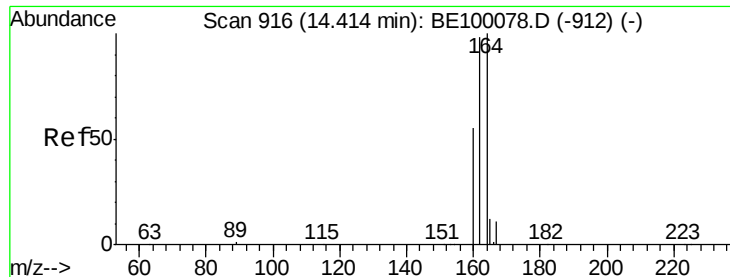
400

200

0

Time-->

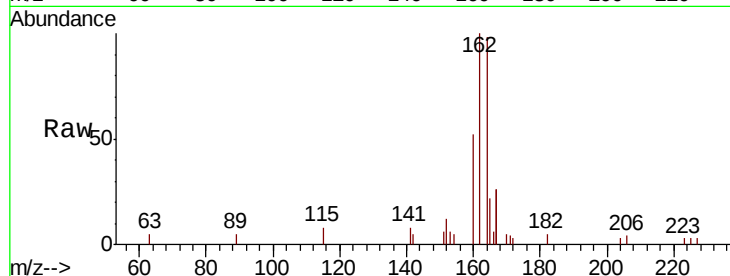




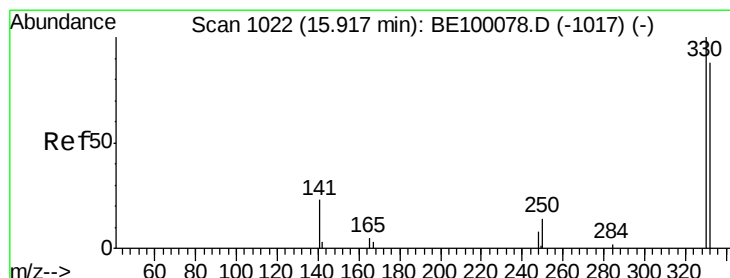
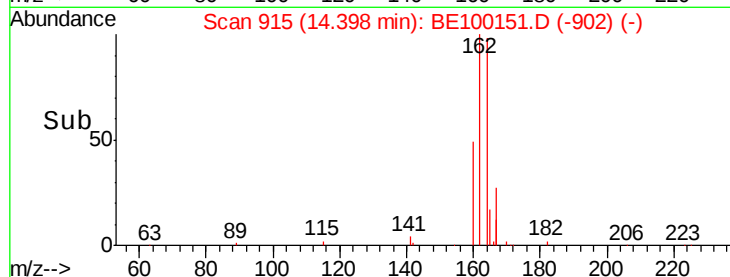
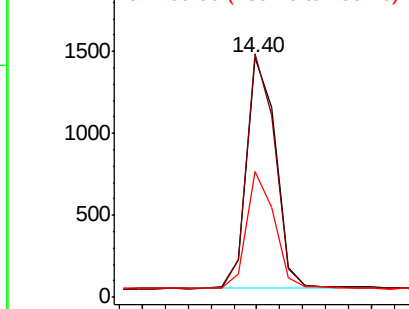
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.02 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW165-061319

Tgt Ion:164 Resp: 2469
Ion Ratio Lower Upper
164 100
162 101.6 78.2 117.2
160 52.4 45.6 68.4

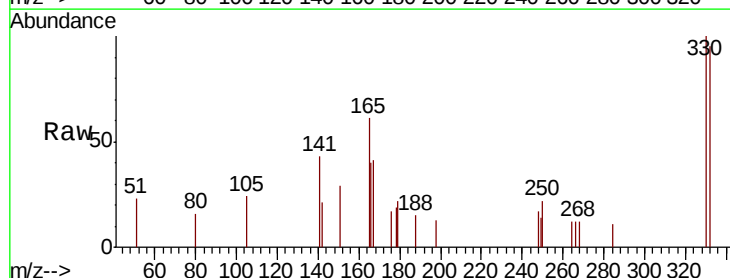


Abundance Ion 164.00 (163.70 to 164.70): E
2000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

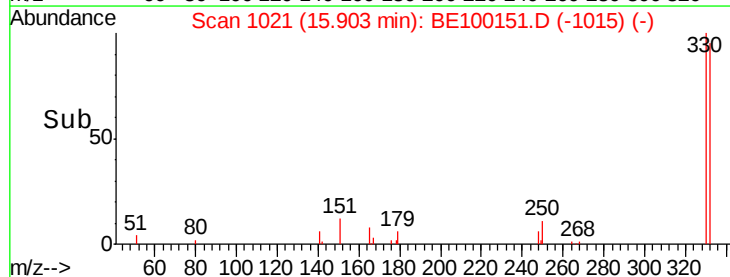
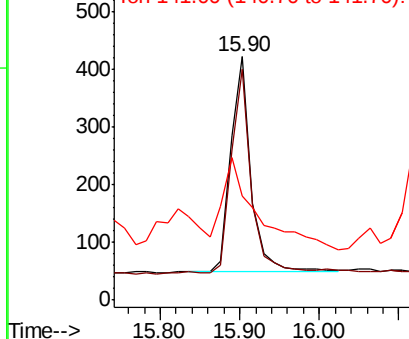


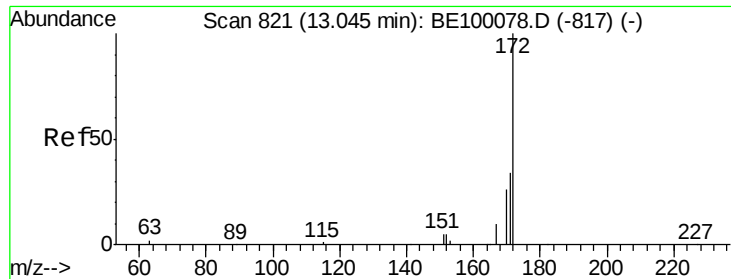
#14
2,4,6-Tribromophenol
Concen: 0.481 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Tgt Ion:330 Resp: 656
Ion Ratio Lower Upper
330 100
332 96.2 73.3 109.9
141 73.8 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

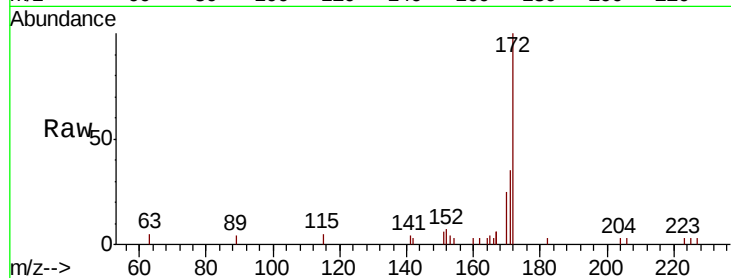




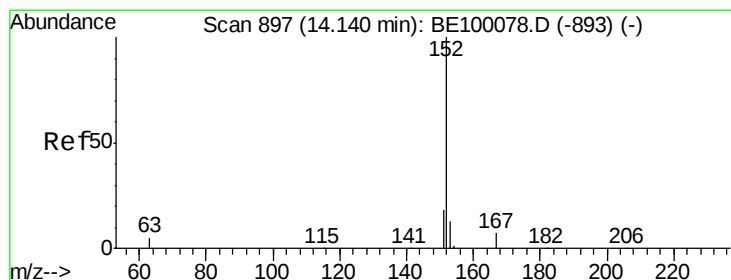
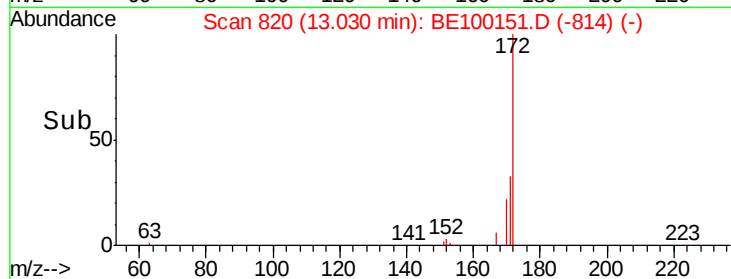
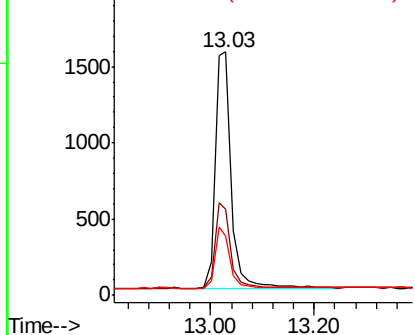
#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.02 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW165-061319

Tgt Ion:172 Resp: 3431
Ion Ratio Lower Upper
172 100
171 35.3 29.8 44.8
170 24.5 23.2 34.8

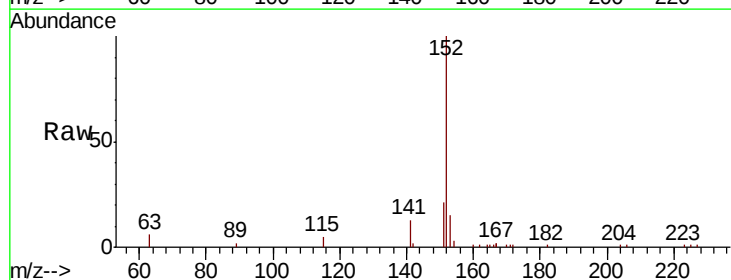


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

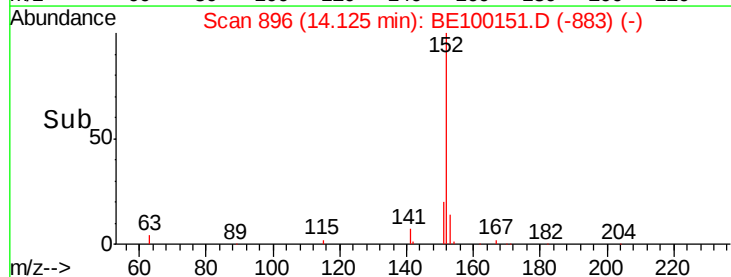
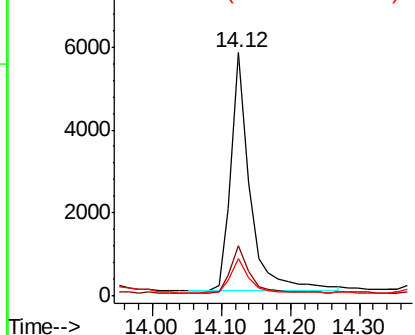


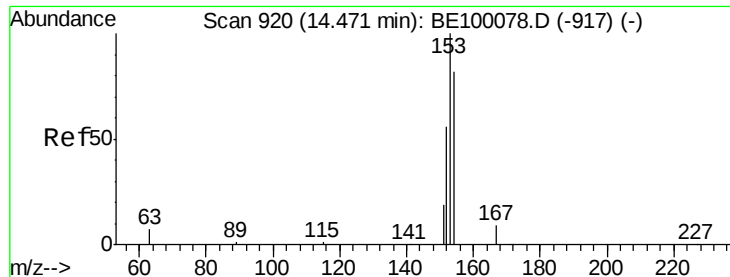
#16
Acenaphthylene
Concen: 0.957 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.02 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Tgt Ion:152 Resp: 11212
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.2 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

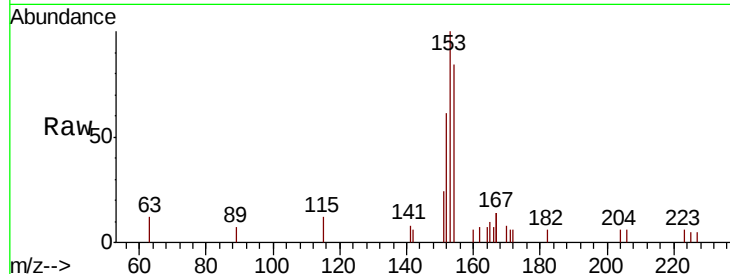




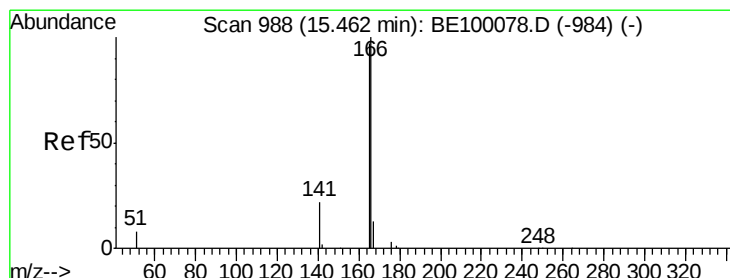
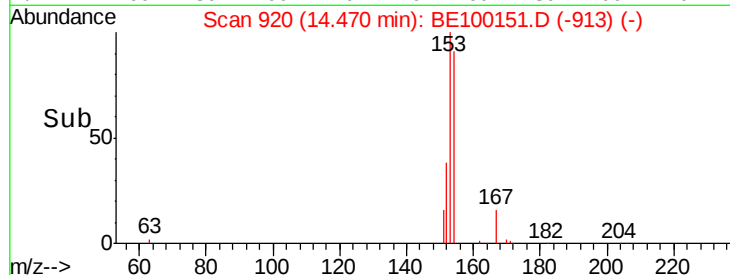
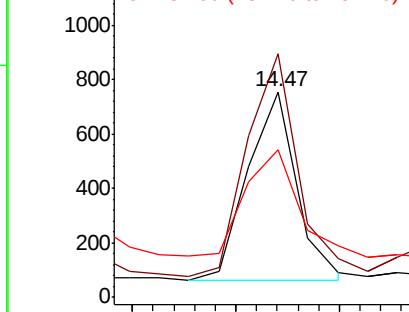
#17
Acenaphthene
Concen: 0.175 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW165-061319

Tgt Ion:154 Resp: 1146
Ion Ratio Lower Upper
154 100
153 122.7 95.5 143.3
152 60.4 54.9 82.3

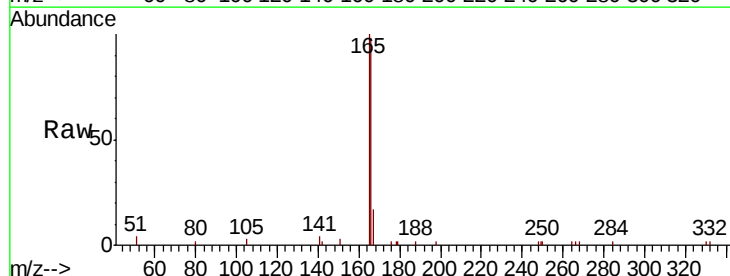


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

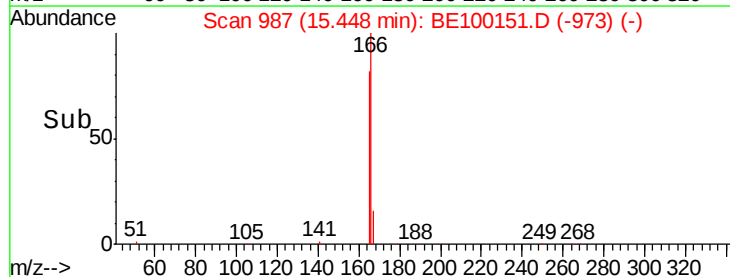
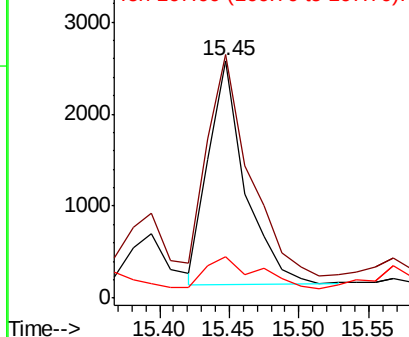


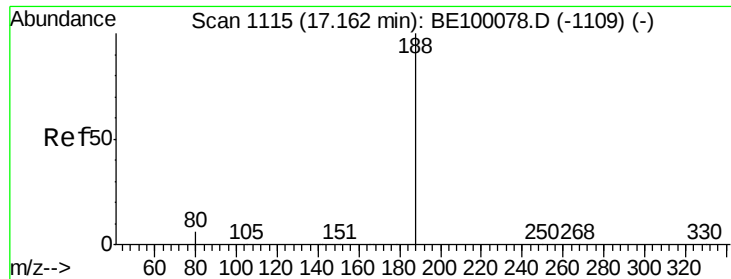
#18
Fluorene
Concen: 0.457 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100151.D
Acq: 22 Jun 2019 2:10

Tgt Ion:166 Resp: 4457
Ion Ratio Lower Upper
166 100
165 111.0 79.8 119.8
167 20.3 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: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

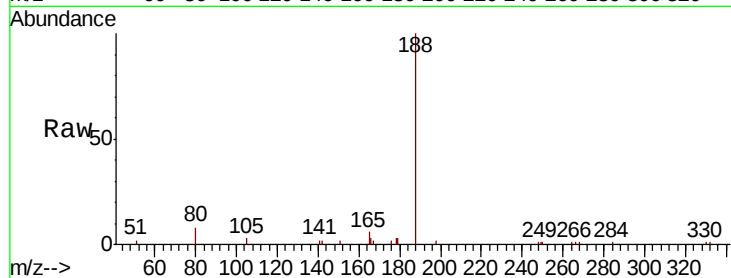
Tgt Ion:188 Resp: 7427

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

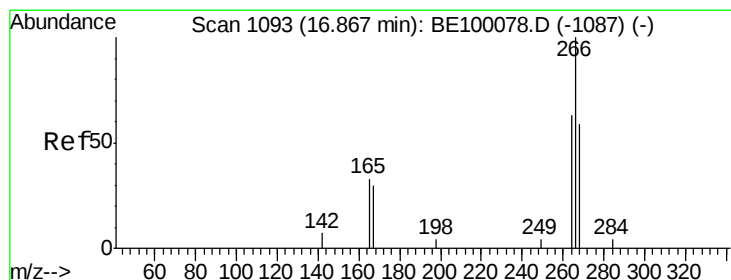
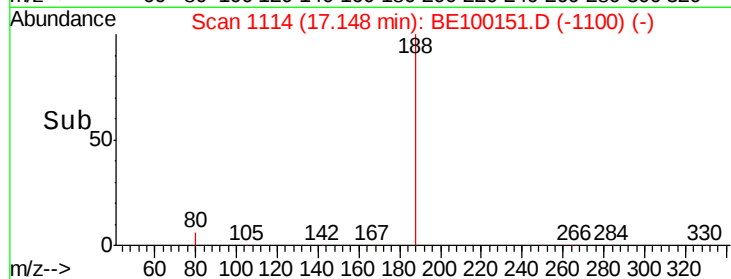
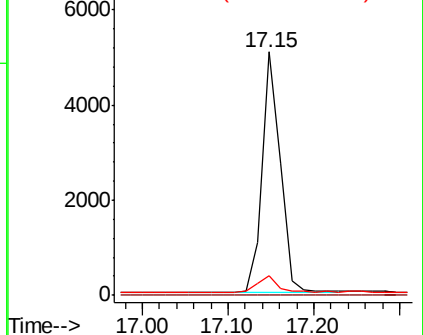
80 7.9 6.3 9.5



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: 0.251 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

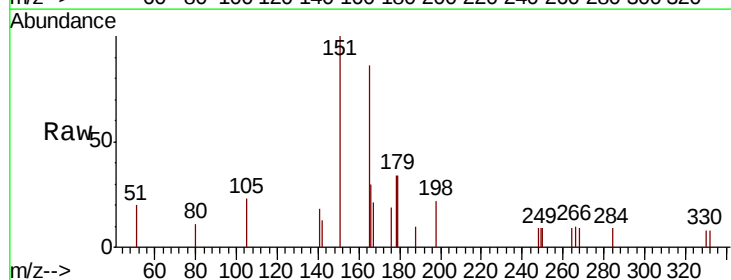
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 96.7 67.8 101.6

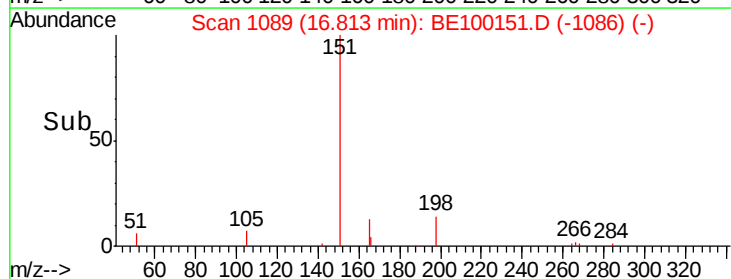
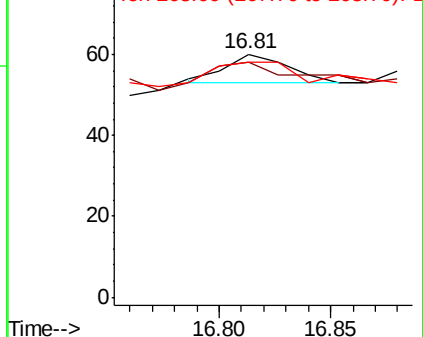
268 96.7 70.0 105.0

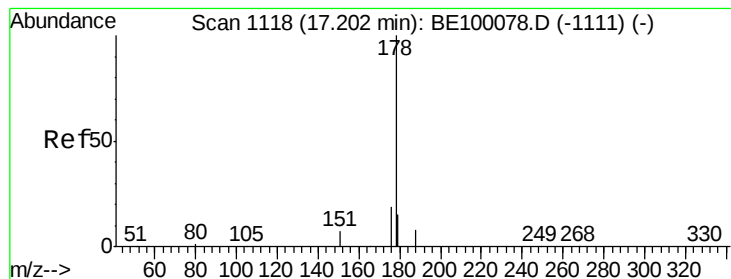


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.618 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

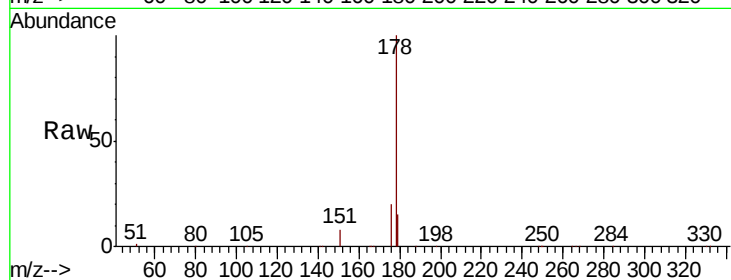
Tgt Ion:178 Resp: 99964

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

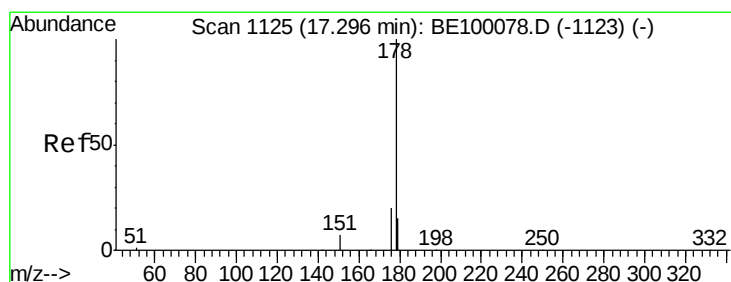
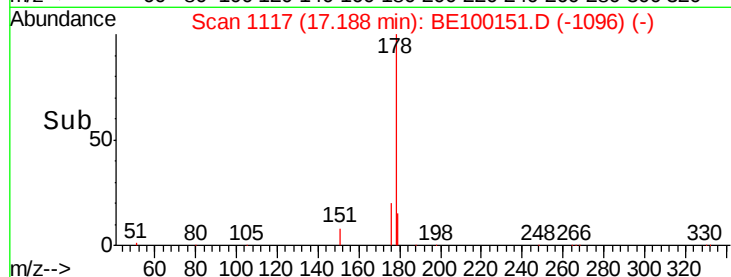
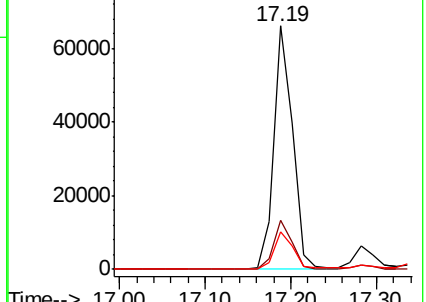
179 15.6 13.1 19.7



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: 0.597 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

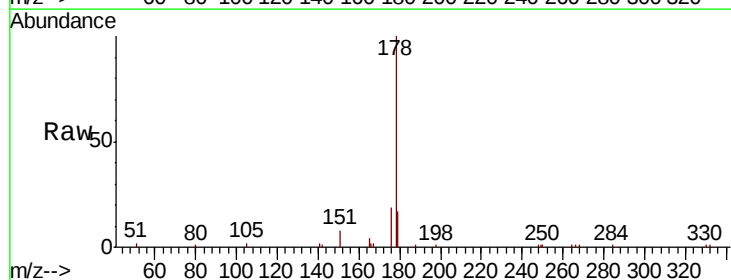
Tgt Ion:178 Resp: 8956

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.6

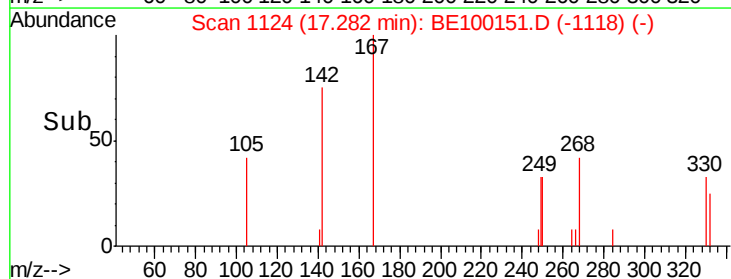
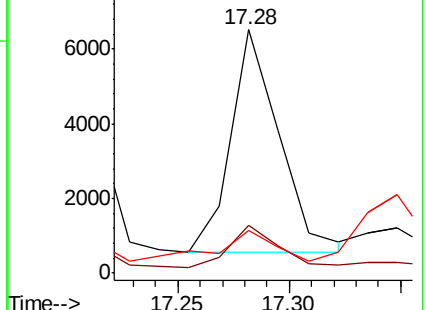
179 14.2 12.0 18.0

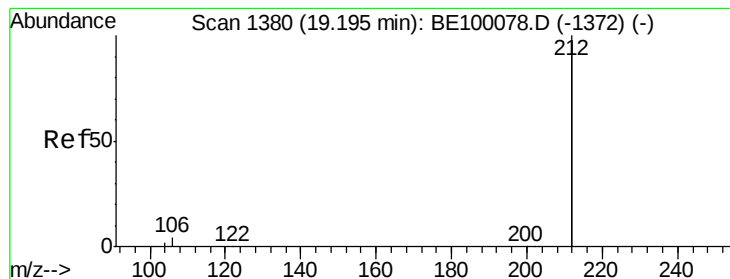


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.027 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

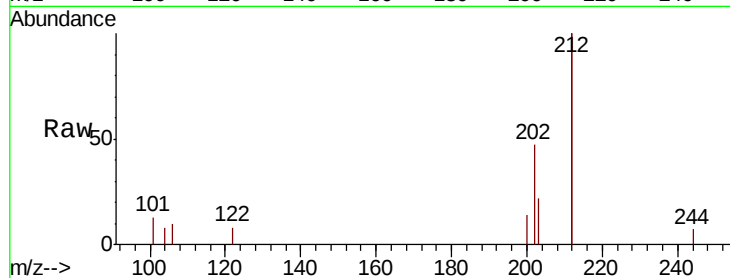
Tgt Ion: 212 Resp: 2835

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.0

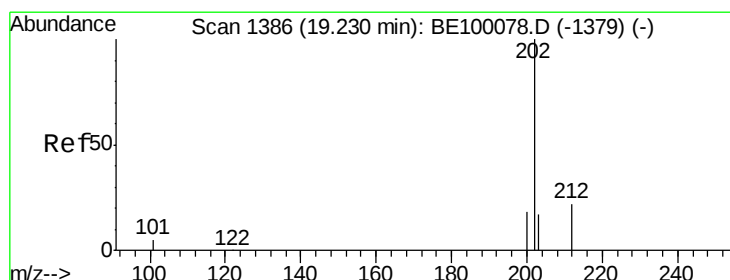
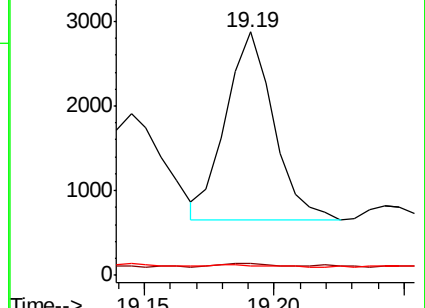
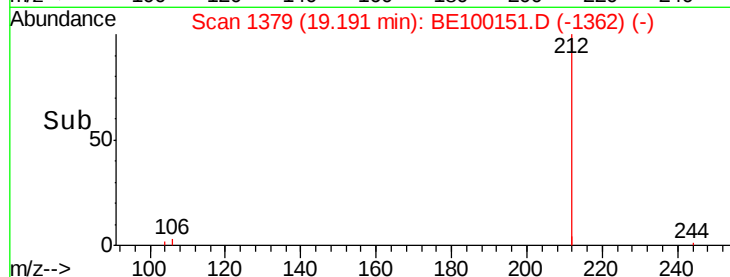
104 1.8 0.8 1.2#



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: 5.781 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

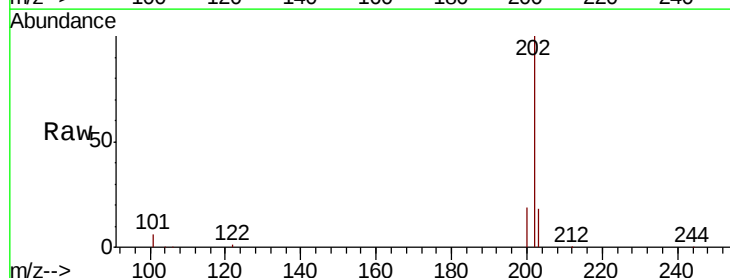
Tgt Ion: 202 Resp: 165130

Ion Ratio Lower Upper

202 100

101 5.7 5.0 7.4

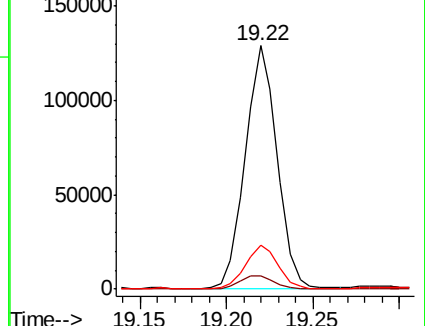
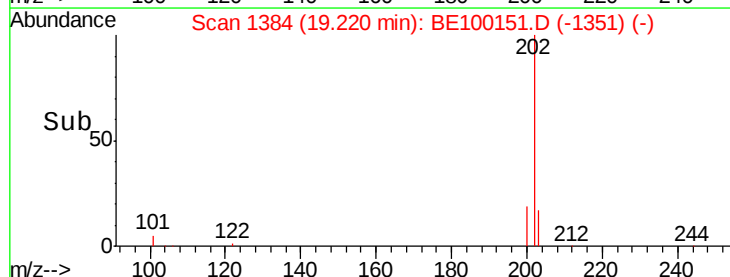
203 18.0 13.7 20.5

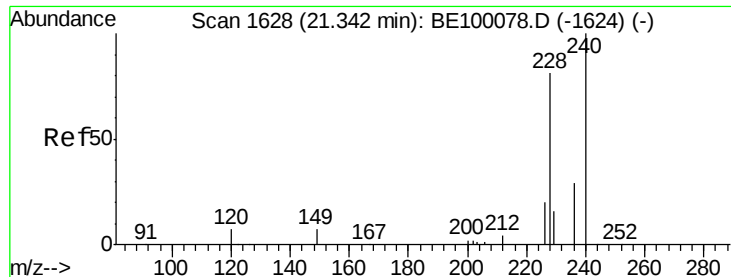


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

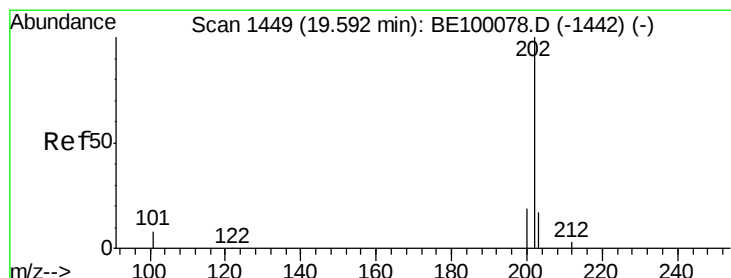
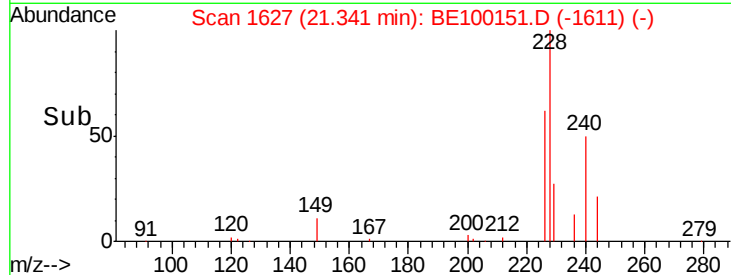
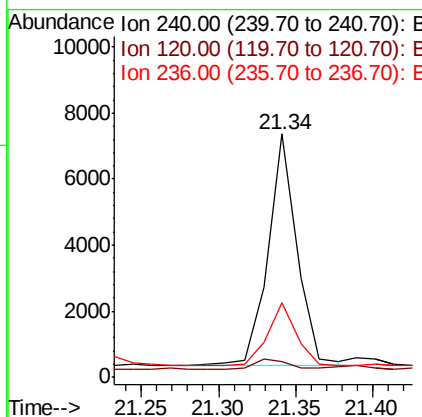
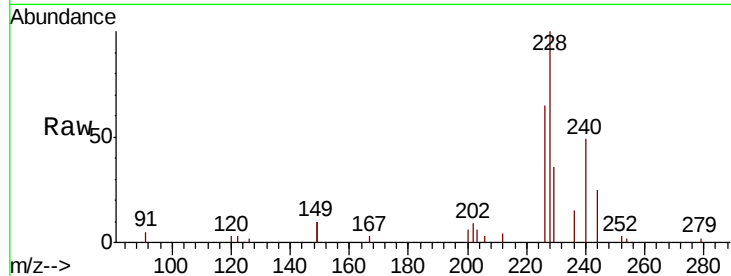




#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BE100151.D
 Acq: 22 Jun 2019 2:10

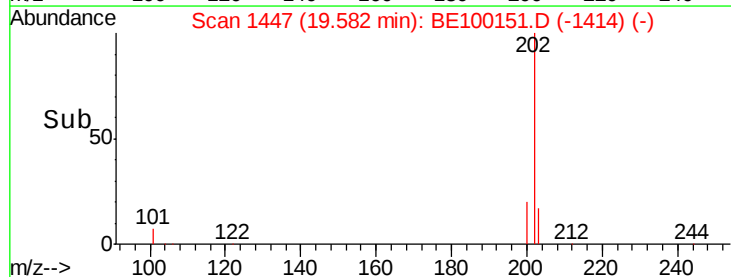
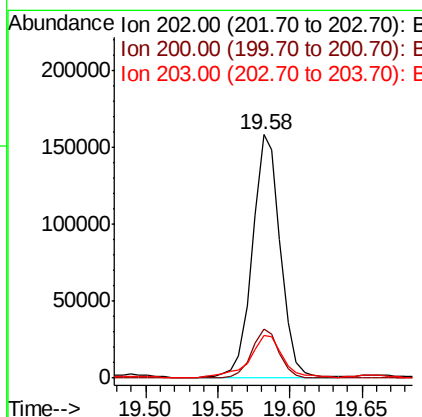
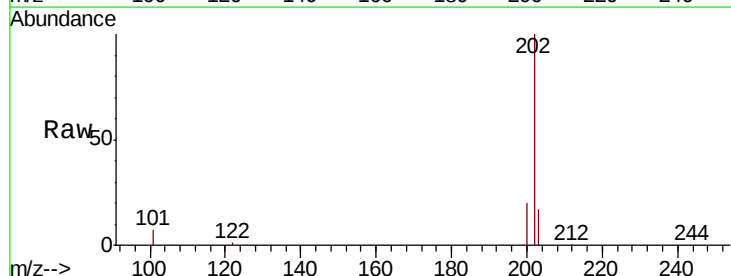
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW165-061319

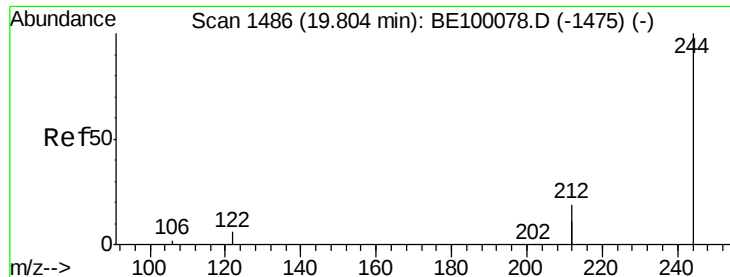
Tgt Ion: 240 Resp: 9180
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.6 10.0#
 236 30.7 23.8 35.6



#28
Pyrene
 Concen: 9.039 ng
 RT: 19.58 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BE100151.D
 Acq: 22 Jun 2019 2:10

Tgt Ion: 202 Resp: 213280
 Ion Ratio Lower Upper
 202 100
 200 19.7 15.6 23.4
 203 20.1 13.9 20.9





#29

Terphenyl-d14

Concen: 0.379 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

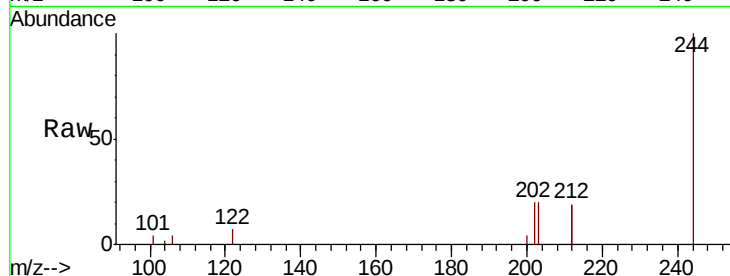
Tgt Ion:244 Resp: 6962

Ion Ratio Lower Upper

244 100

212 38.5 29.8 44.8

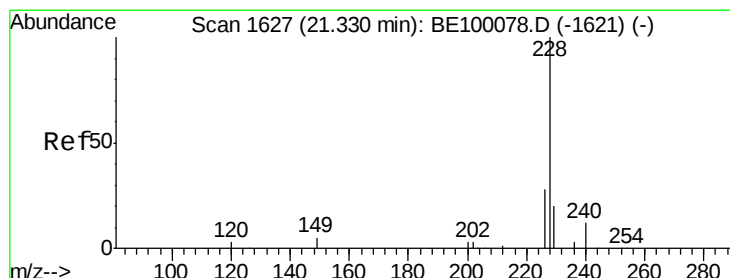
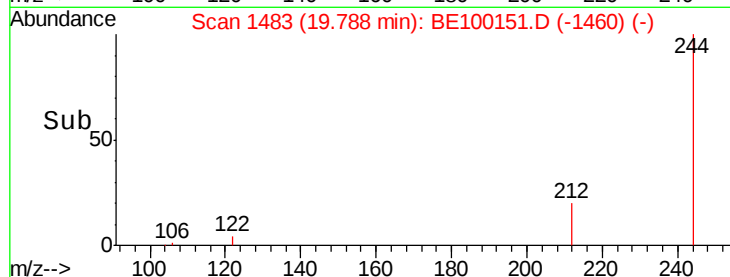
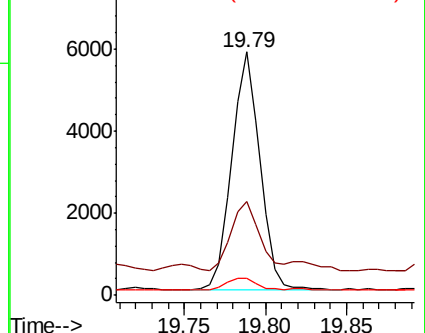
122 6.8 6.1 9.1



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: 3.709 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

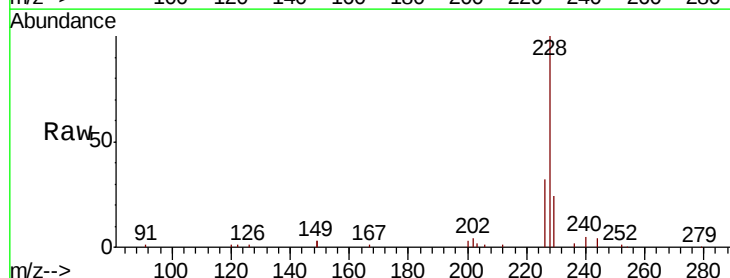
Tgt Ion:228 Resp: 101290

Ion Ratio Lower Upper

228 100

226 31.7 23.0 34.4

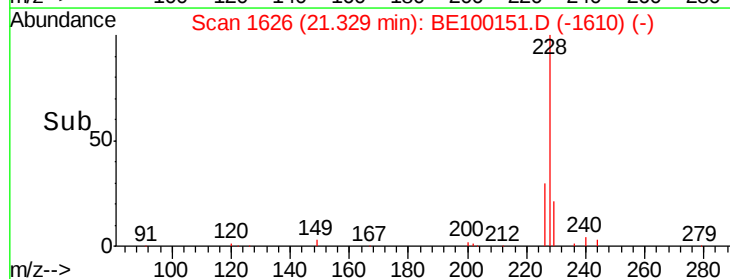
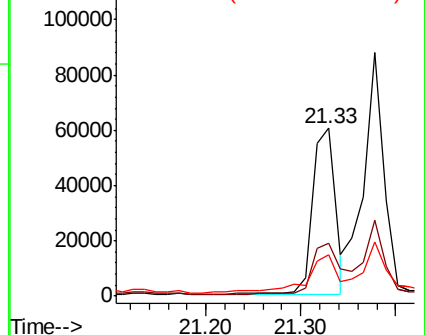
229 24.4 16.4 24.6

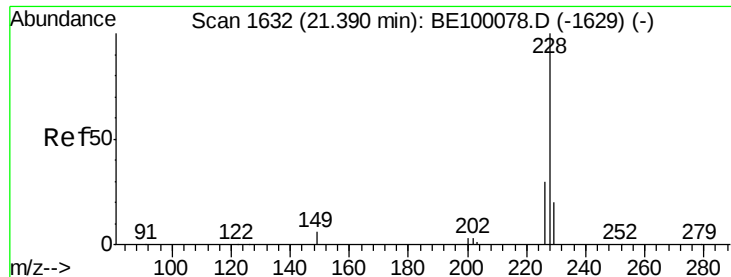


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.144 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

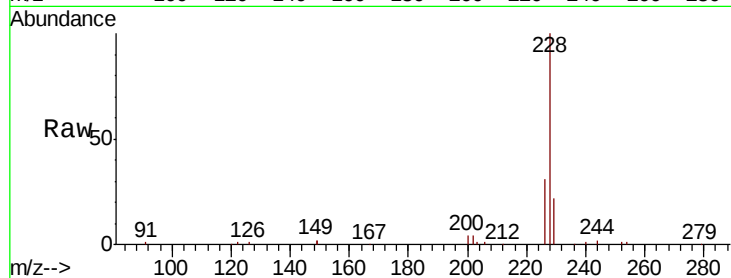
Tgt Ion: 228 Resp: 131513

Ion Ratio Lower Upper

228 100

226 31.4 23.8 35.8

229 22.3 16.3 24.5

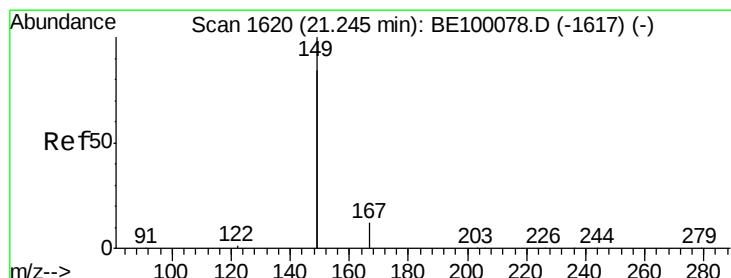
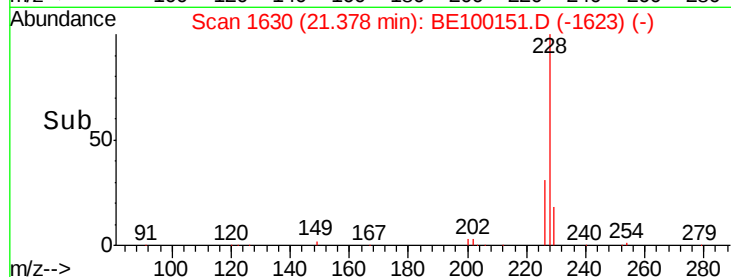
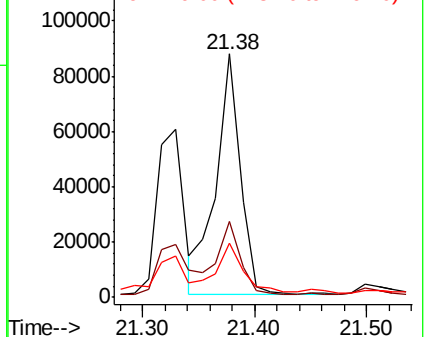


Abundance

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: 0.377 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

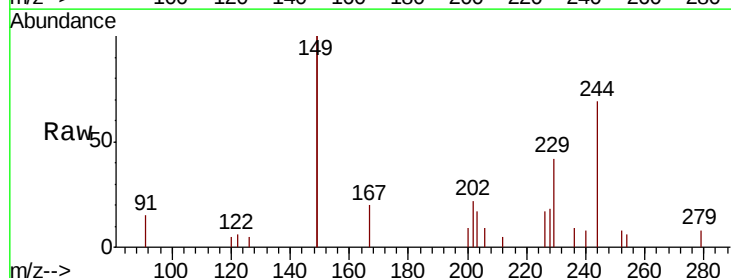
Tgt Ion: 149 Resp: 9725

Ion Ratio Lower Upper

149 100

167 8.9 5.8 8.6#

279 1.4 1.1 1.7

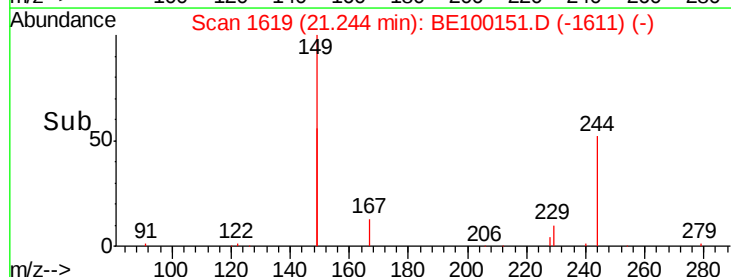
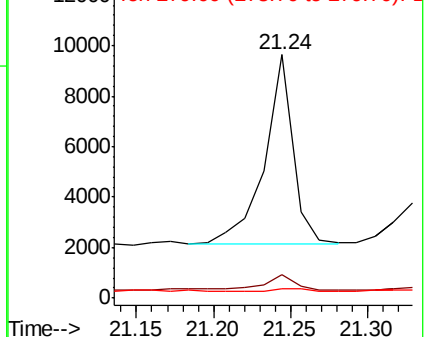


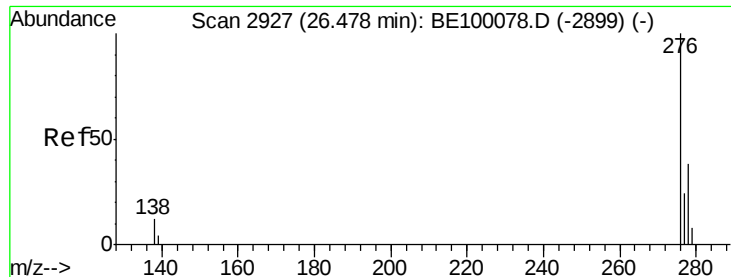
Abundance

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: 1.731 ng

RT: 26.47 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

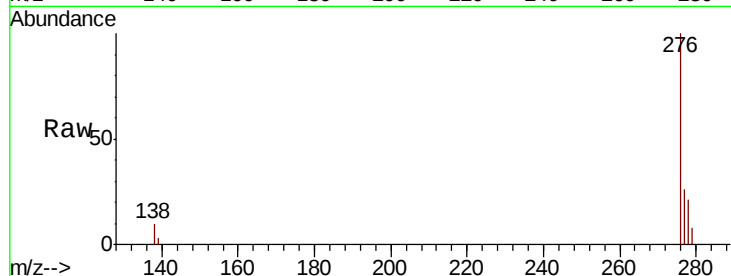
Tgt Ion: 276 Resp: 61816

Ion Ratio Lower Upper

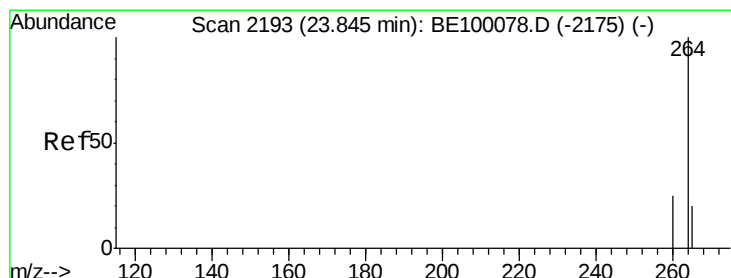
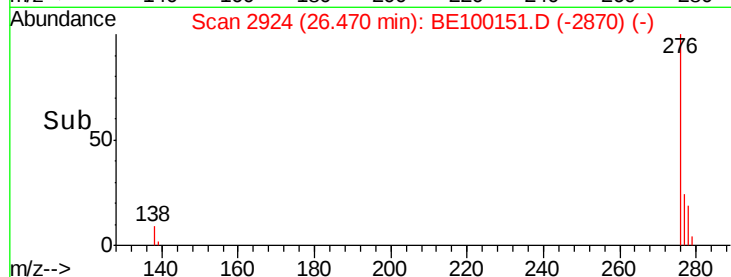
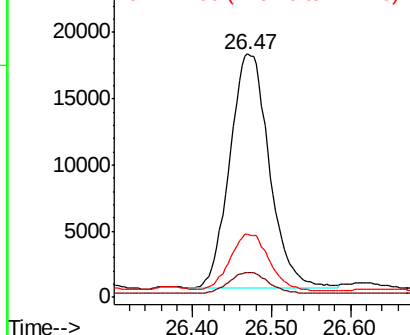
276 100

138 9.1 4.3 6.5#

277 24.1 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# 2189

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

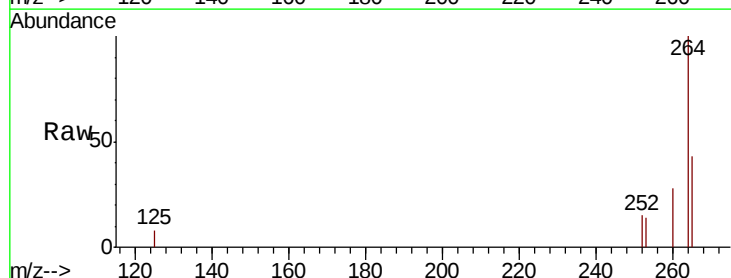
Tgt Ion: 264 Resp: 11340

Ion Ratio Lower Upper

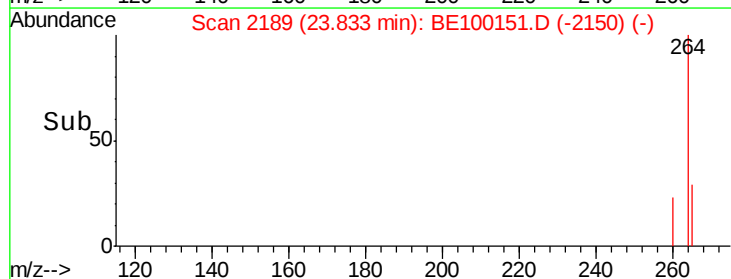
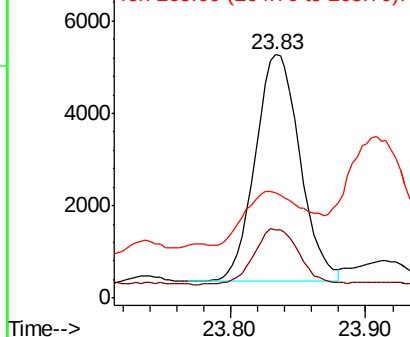
264 100

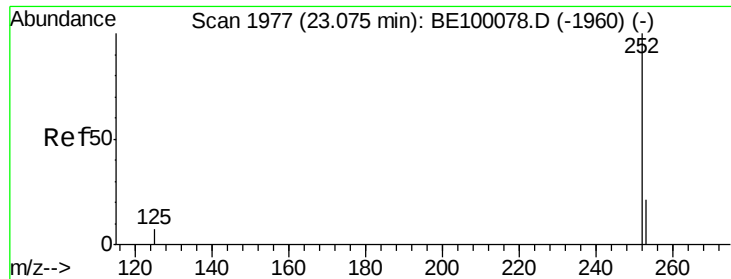
260 27.9 20.8 31.2

265 43.3 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: 3.429 ng

RT: 23.07 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

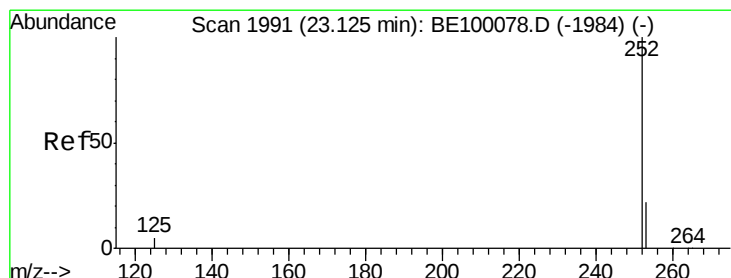
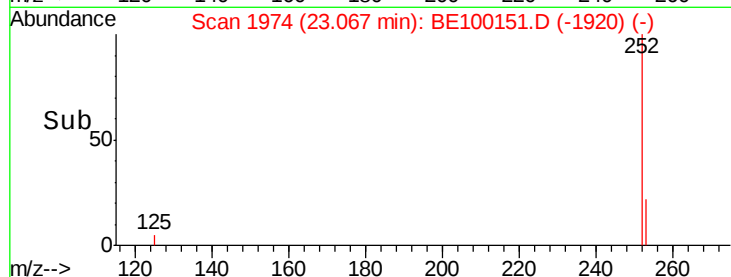
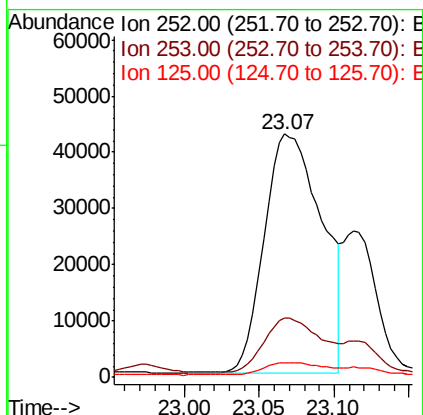
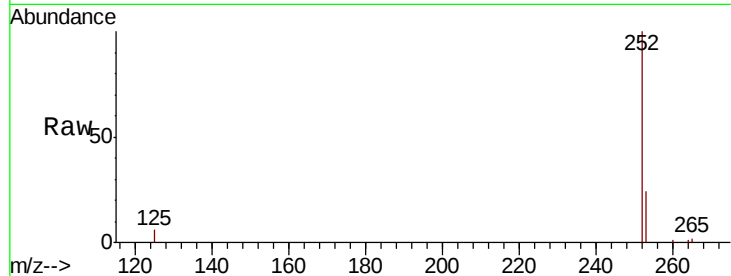
Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

Tgt Ion:	252	Resp:	114118
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	6.2	6.4	9.6#



#36

Benzo(k)fluoranthene

Concen: 3.015 ng

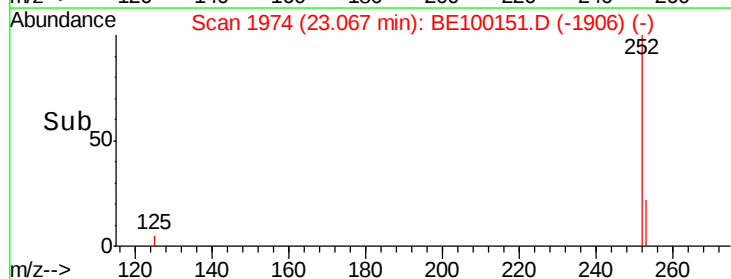
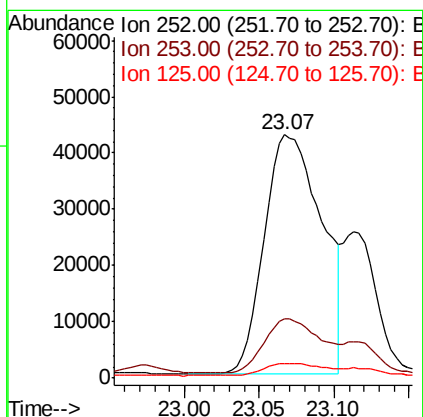
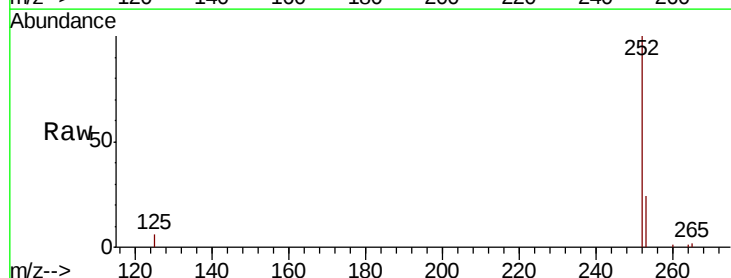
RT: 23.07 min Scan# 1974

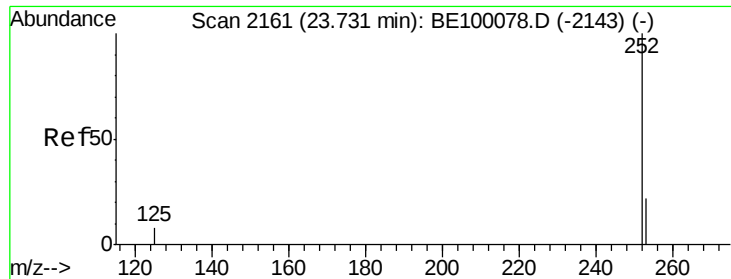
Delta R.T. -0.06 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Tgt Ion:	252	Resp:	114118
Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	6.2	5.3	7.9





#37

Benzo(a)pyrene

Concen: 0.541 ng

RT: 23.89 min Scan# 2205

Delta R.T. 0.16 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319

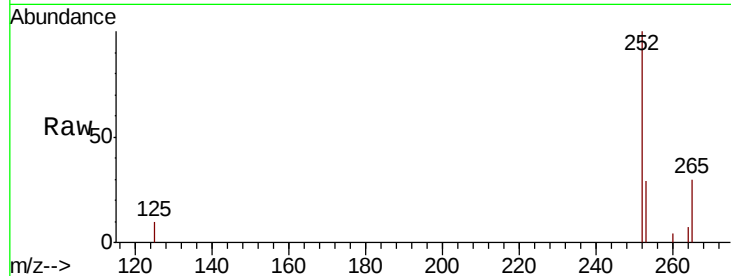
Tgt Ion: 252 Resp: 17370

Ion Ratio Lower Upper

252 100

253 29.0 19.4 29.2

125 10.1 8.0 12.0

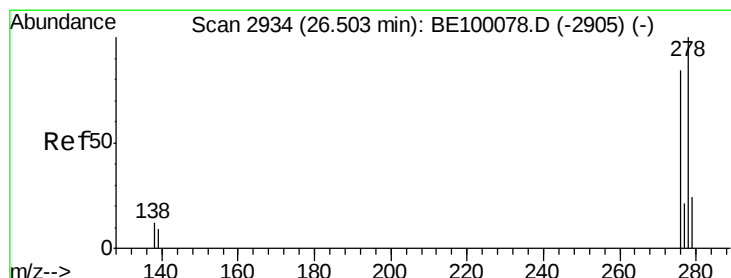
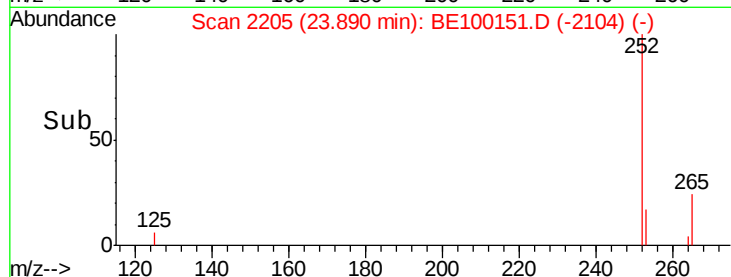
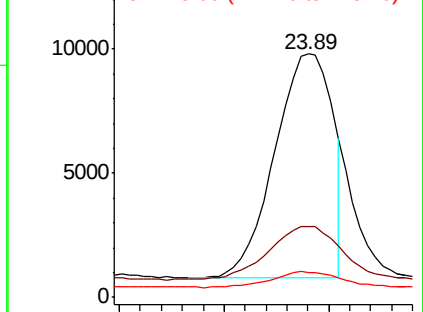


Abundance

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: 0.495 ng

RT: 26.48 min Scan# 2928

Delta R.T. -0.02 min

Lab File: BE100151.D

Acq: 22 Jun 2019 2:10

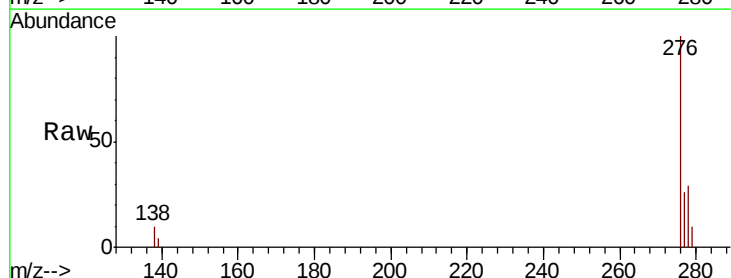
Tgt Ion: 278 Resp: 16283

Ion Ratio Lower Upper

278 100

139 12.5 9.0 13.6

279 35.5 21.4 32.0#

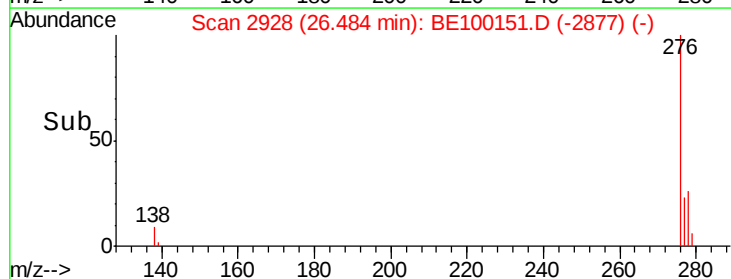
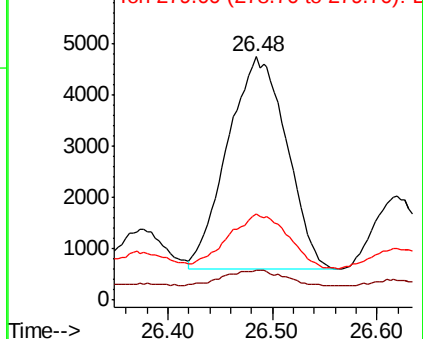


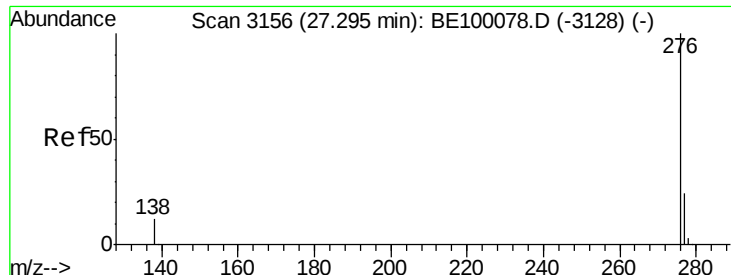
Abundance

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: 2.008 ng

RT: 27.29 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE100151.D

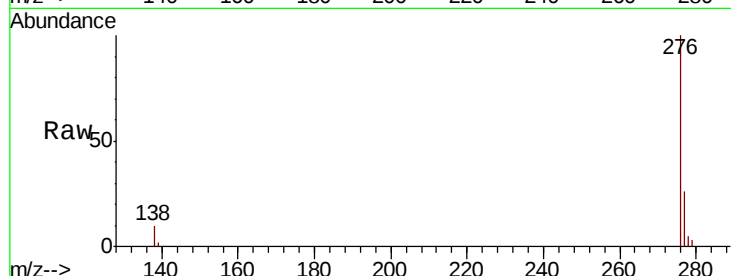
Acq: 22 Jun 2019 2:10

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW165-061319



Tgt Ion:	276	Resp:	68694
Ion Ratio	Lower	Upper	
276	100		
277	25.7	20.3	30.5
138	10.5	11.3	16.9

