

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100149.D
 Acq On : 22 Jun 2019 00:58
 Operator : JU/SJ
 Sample : K3428-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW160-061319

Quant Time: Jun 22 02:05:58 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	789	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2999	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2571	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	7520	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9606	0.40	ng	0.00
34) Perylene-d12	23.83	264	11866	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	683	0.42	ng	-0.01
5) Phenol-d6	6.89	99	966	0.43	ng	-0.03
8) Nitrobenzene-d5	8.90	82	927	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	154	0.03	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	538	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2842	0.28	ng	-0.01
25) Fluoranthene-d10	19.19	212	2491	0.02	ng	0.00
29) Terphenyl-d14	19.79	244	5657	0.29	ng	-0.02

Target Compounds

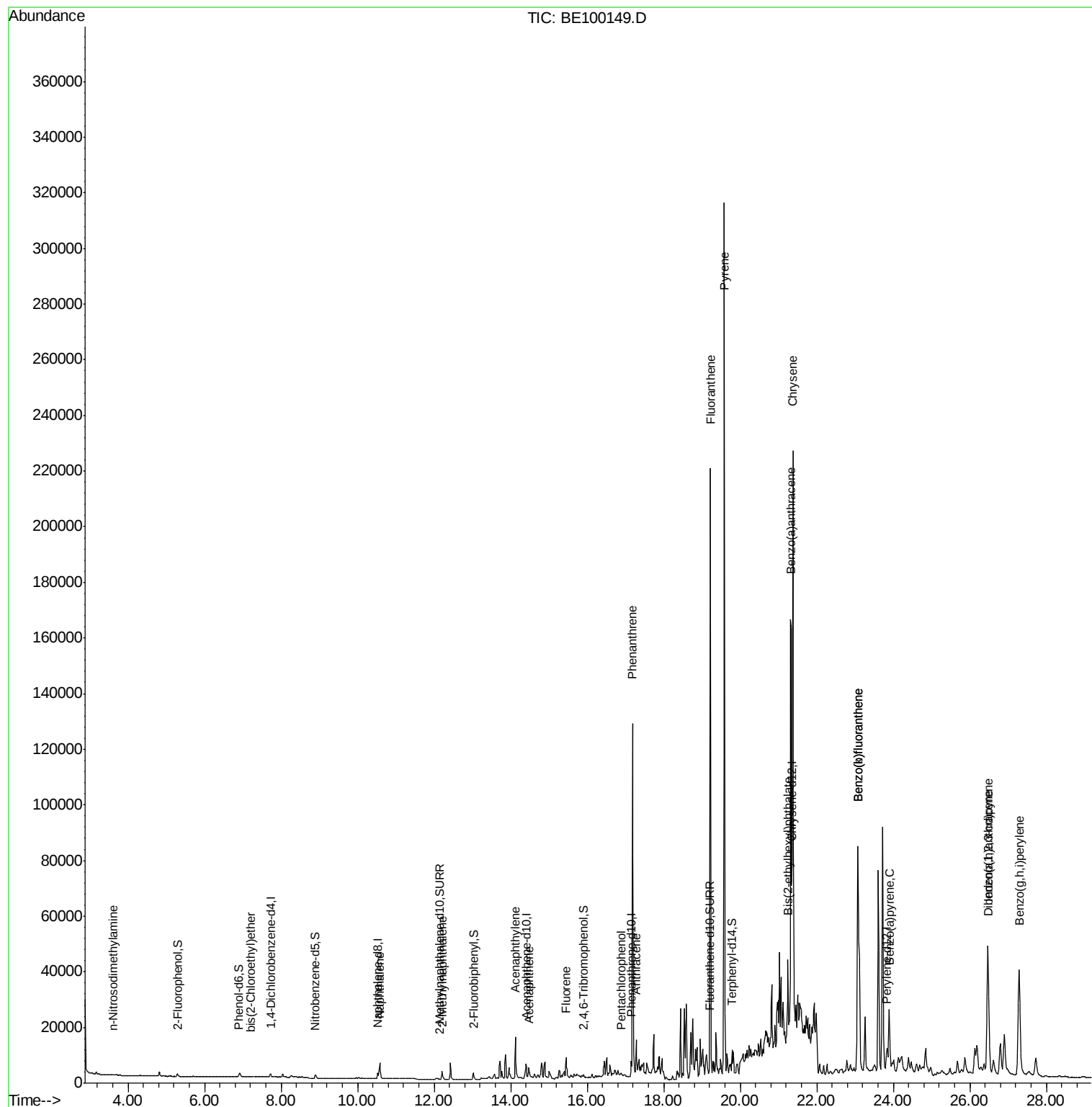
					Qvalue
3) n-Nitrosodimethylamine	3.60	42	3	0.345 ng	# 100
6) bis(2-Chloroethyl)ether	7.19	93	4	0.035 ng	# 1
9) Naphthalene	10.58	128	10434	0.320 ng	99
12) 2-Methylnaphthalene	12.21	142	2385	0.445 ng	94
16) Acenaphthylene	14.12	152	17785	1.457 ng	98
17) Acenaphthene	14.47	154	1989	0.291 ng	98
18) Fluorene	15.45	166	6467	0.636 ng	# 83
22) Pentachlorophenol	16.89	266	13	0.250 ng	90
23) Phenanthrene	17.19	178	135559	7.524 ng	99
24) Anthracene	17.28	178	13396	0.882 ng	97
26) Fluoranthene	19.22	202	193311	6.684 ng	98
28) Pyrene	19.58	202	300284	12.162 ng	96
30) Benzo(a)anthracene	21.32	228	154965	5.423 ng	96
31) Chrysene	21.38	228	197929	5.961 ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	24013	0.891 ng	97
33) Indeno(1,2,3-cd)pyrene	26.47	276	92646	2.480 ng	# 97
35) Benzo(b)fluoranthene	23.07	252	166471	4.781 ng	# 98
36) Benzo(k)fluoranthene	23.07	252	166471	4.203 ng	99
37) Benzo(a)pyrene	23.89	252	26088	0.776 ng	95
38) Dibenzo(a,h)anthracene	26.49	278	27545	0.800 ng	# 89
39) Benzo(g,h,i)perylene	27.29	276	108181	3.022 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# 422

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

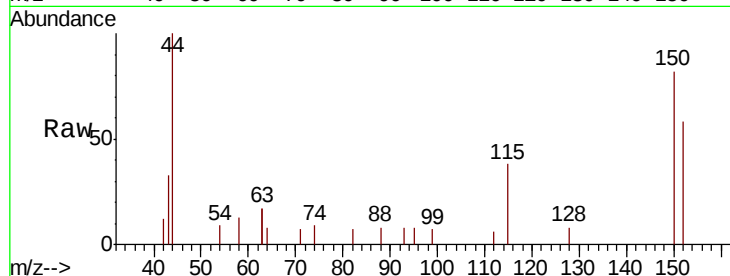
Tgt Ion: 152 Resp: 789

Ion Ratio Lower Upper

152 100

150 141.9 99.8 149.8

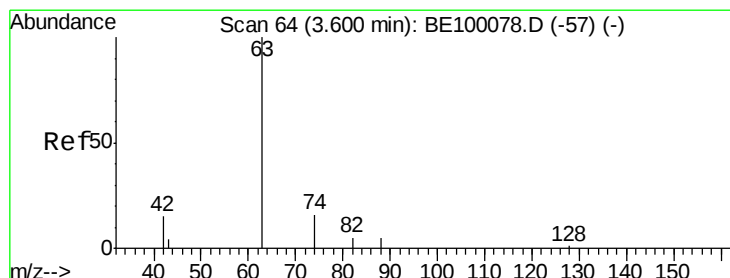
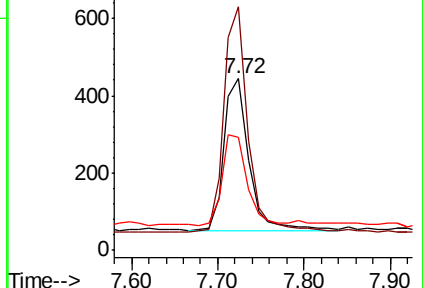
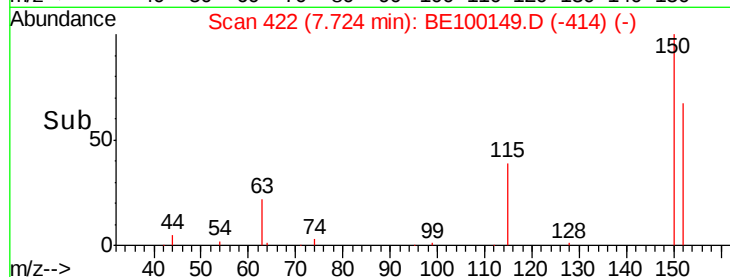
115 66.0 51.3 76.9



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: 0.345 ng

RT: 3.60 min Scan# 64

Delta R.T. 0.00 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

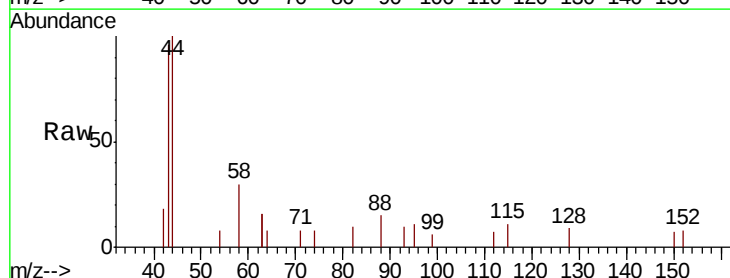
Tgt Ion: 42 Resp: 3

Ion Ratio Lower Upper

42 100

74 633.3 0.0 0.0#

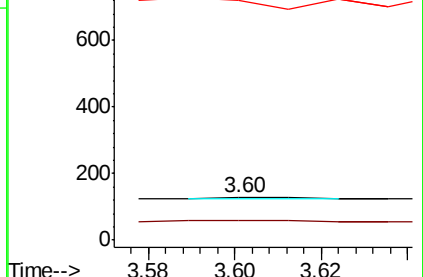
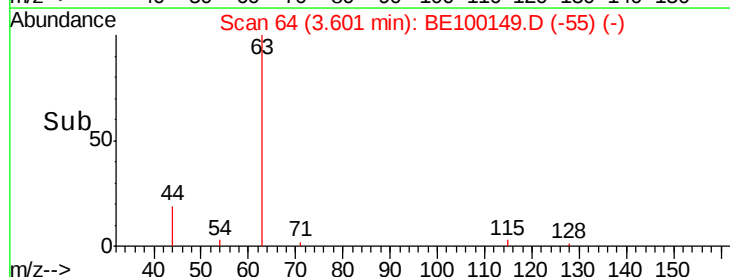
44 3066.7 0.0 0.0#

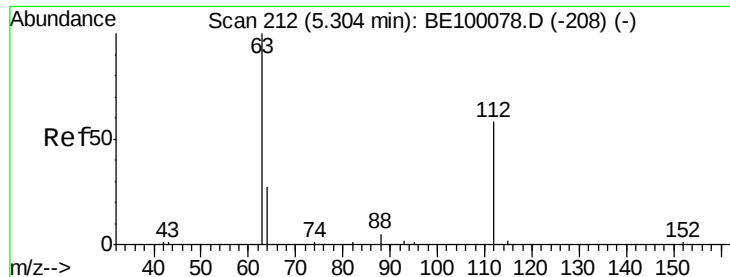


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.417 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

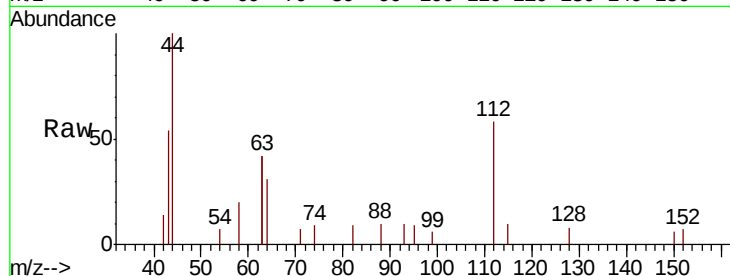
Tgt Ion: 112 Resp: 683

Ion Ratio Lower Upper

112 100

64 53.4 22.0 33.0#

63 143.0 121.8 182.6

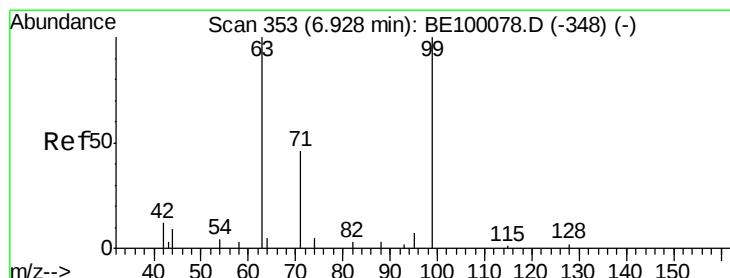
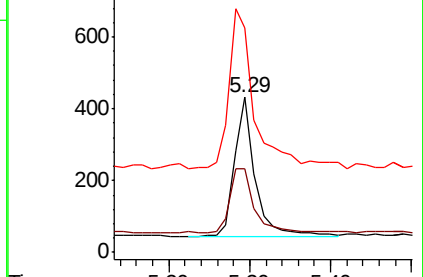
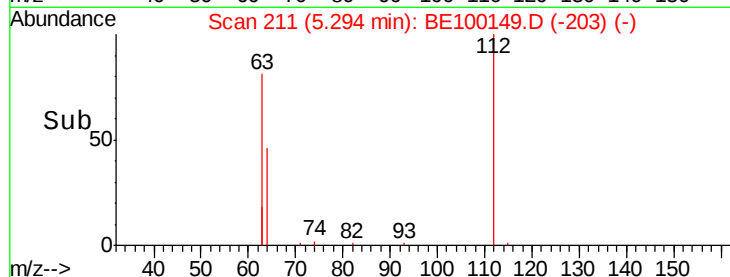


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



#5

Phenol-d6

Concen: 0.430 ng

RT: 6.89 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

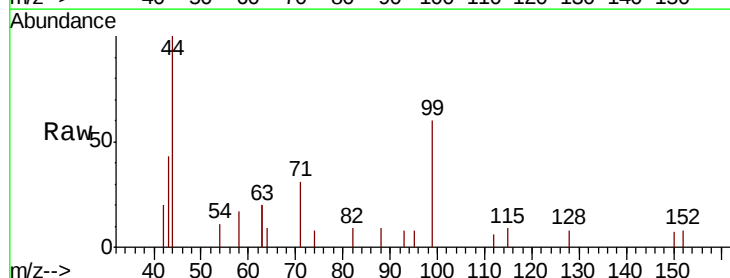
Tgt Ion: 99 Resp: 966

Ion Ratio Lower Upper

99 100

42 20.9 0.0 0.0#

71 37.0 37.6 56.4#

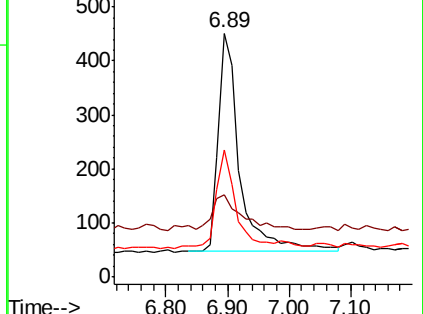
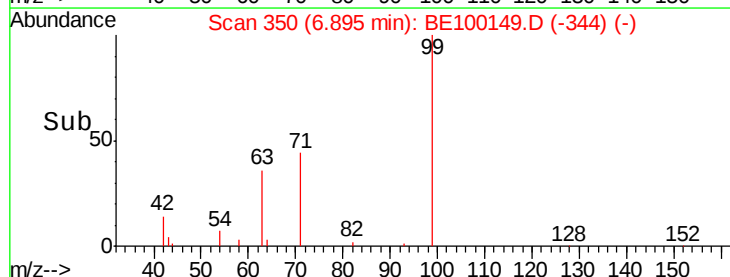


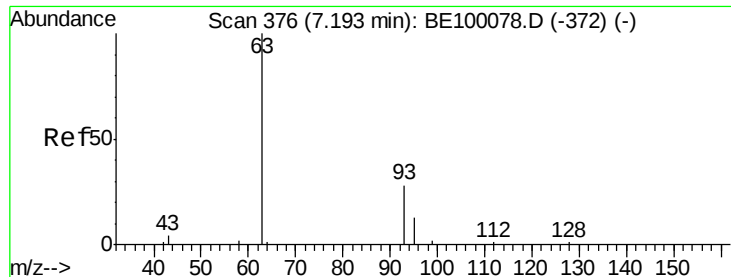
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

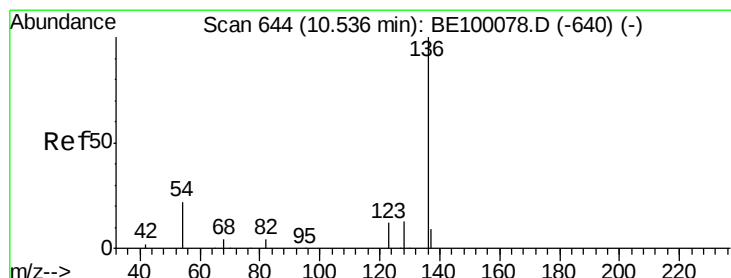
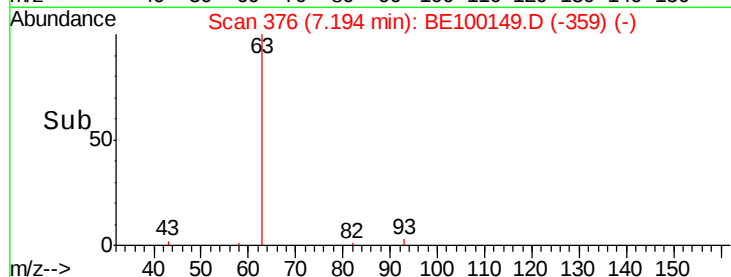
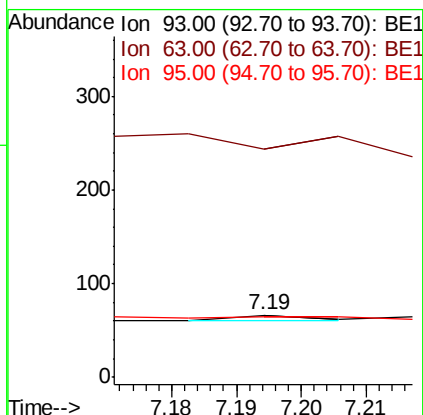
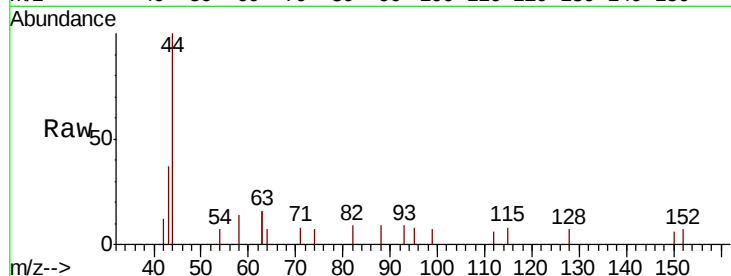
BNA_E

ClientSampleId :

EXT-013-SW160-061319

Tgt Ion: 93 Resp: 4

Ion	Ratio	Lower	Upper
93	100		
63	1925.0	200.0	300.0#
95	0.0	24.0	36.0#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

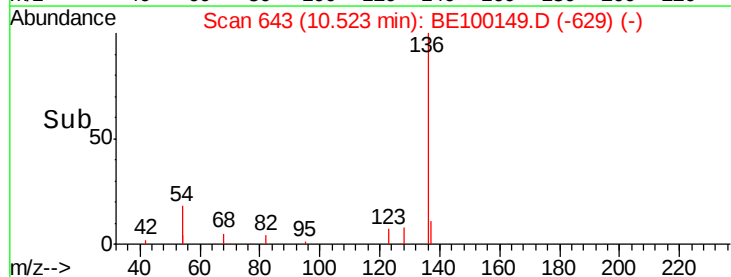
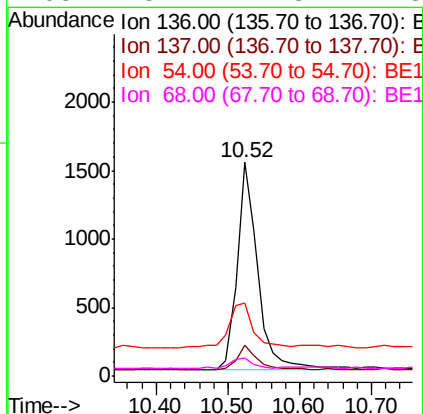
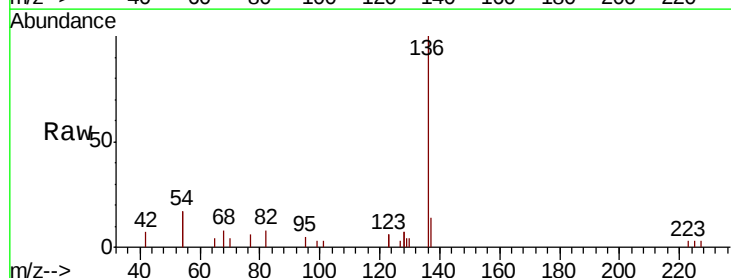
Delta R.T. -0.01 min

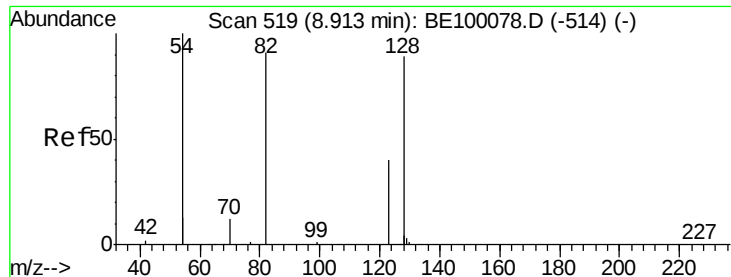
Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Tgt Ion: 136 Resp: 2999

Ion	Ratio	Lower	Upper
136	100		
137	14.2	11.6	17.4
54	34.4	33.9	50.9
68	8.4	7.8	11.8





#8

Nitrobenzene-d5

Concen: 0.319 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

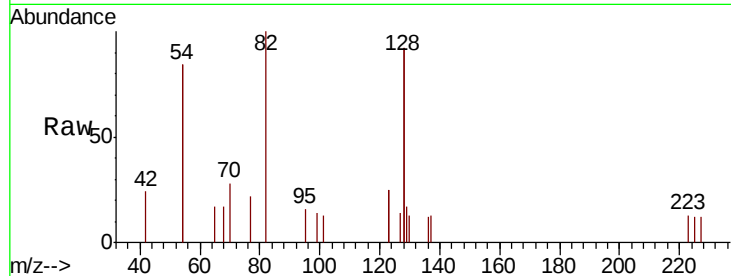
Tgt Ion: 82 Resp: 927

Ion Ratio Lower Upper

82 100

128 184.2 128.0 192.0

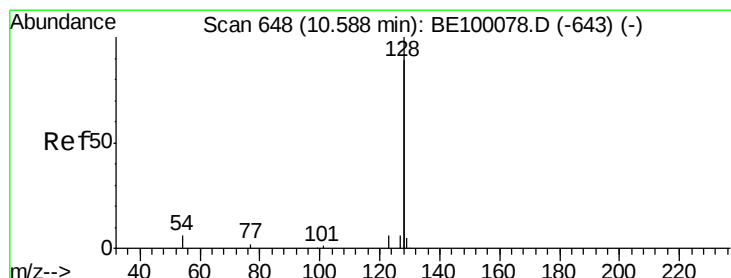
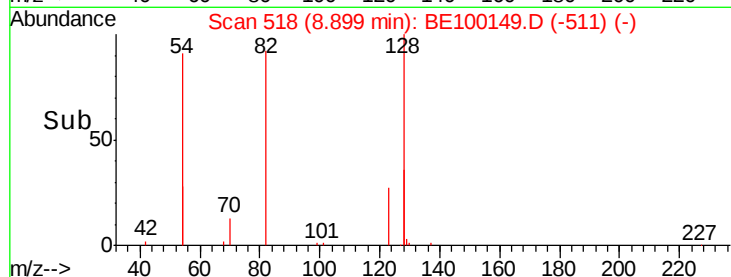
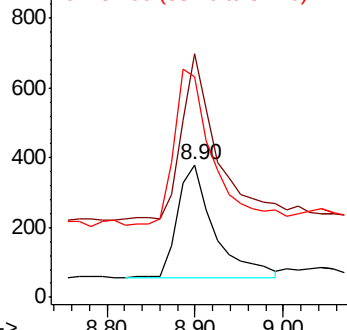
54 167.3 143.4 215.0



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: 0.320 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

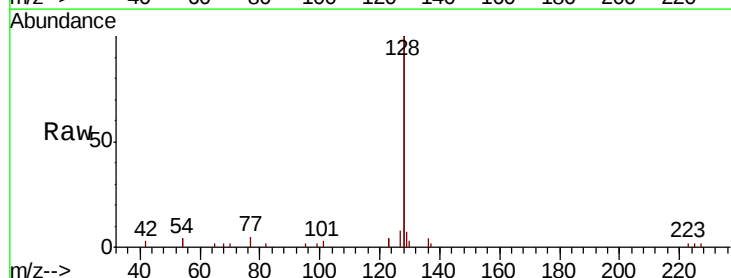
Tgt Ion: 128 Resp: 10434

Ion Ratio Lower Upper

128 100

129 3.7 3.1 4.7

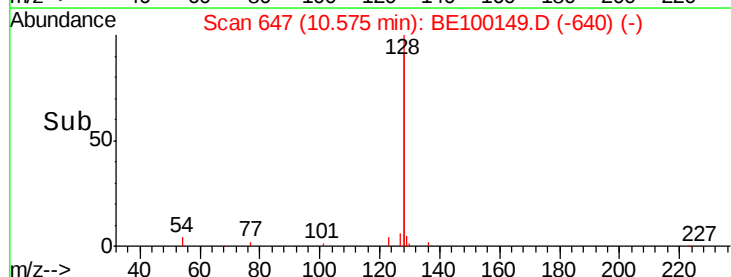
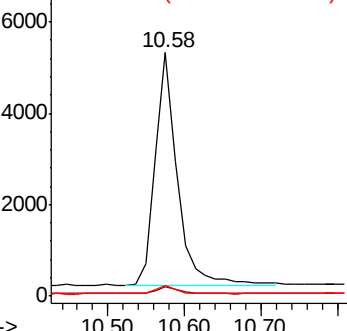
127 4.1 3.4 5.2

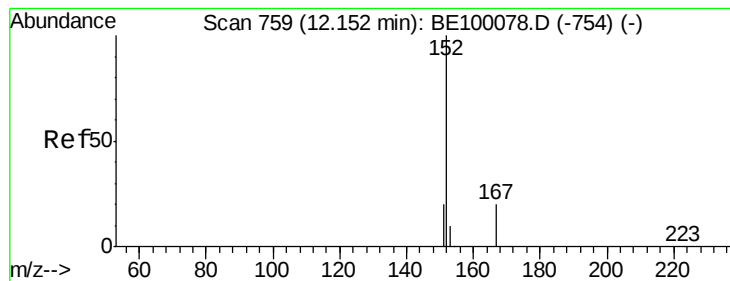


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.027 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

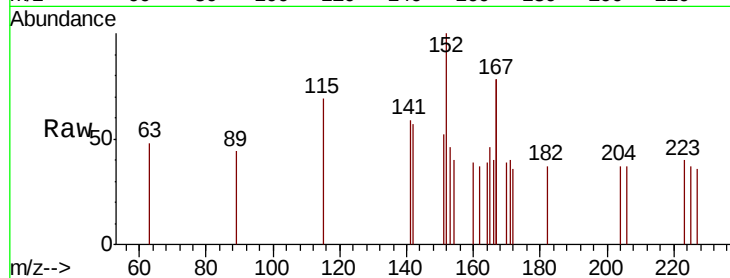
EXT-013-SW160-061319

Tgt Ion:152 Resp: 154

Ion Ratio Lower Upper

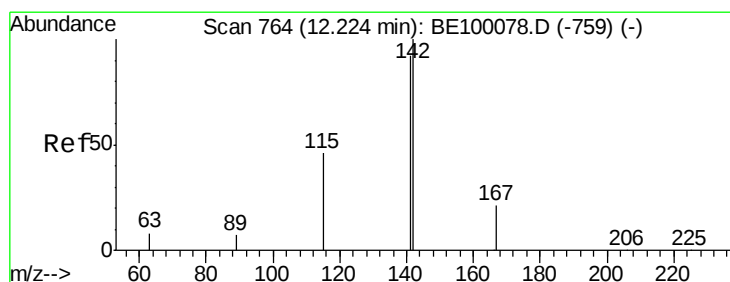
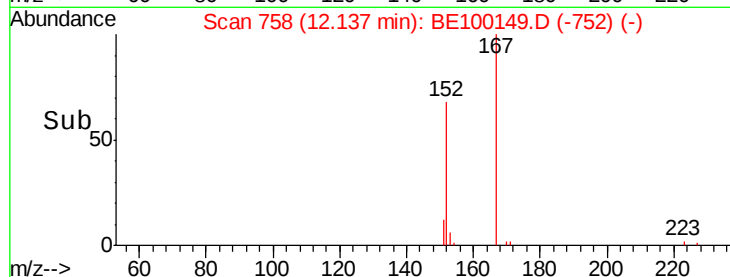
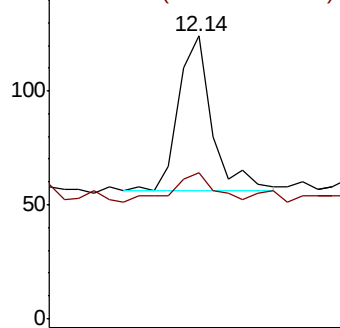
152 100

151 23.4 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.445 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

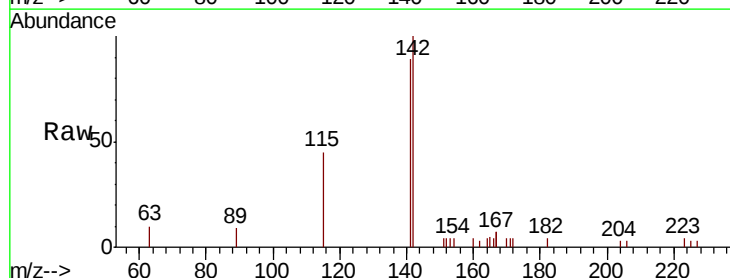
Tgt Ion:142 Resp: 2385

Ion Ratio Lower Upper

142 100

141 88.9 74.1 111.1

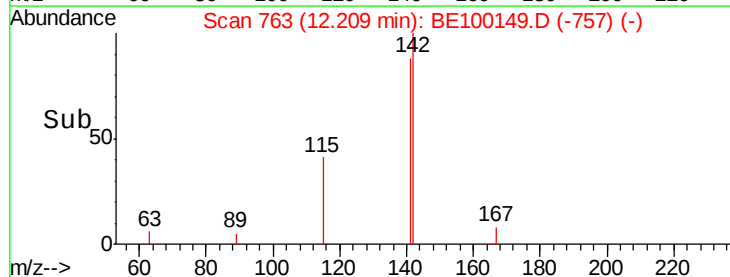
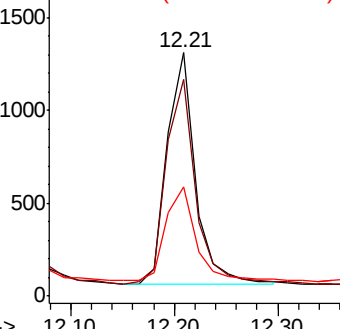
115 45.0 40.9 61.3

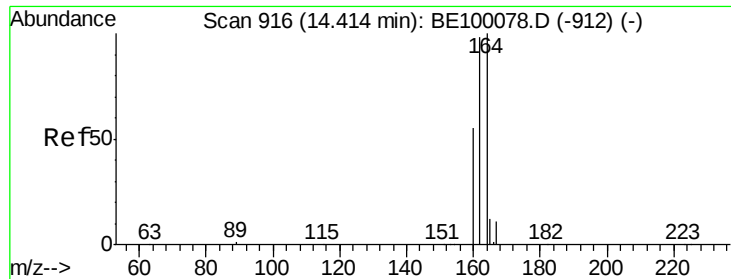


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

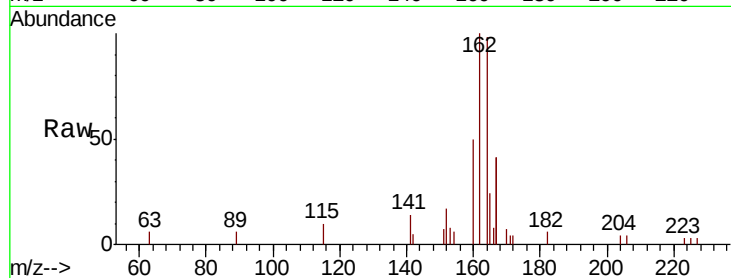




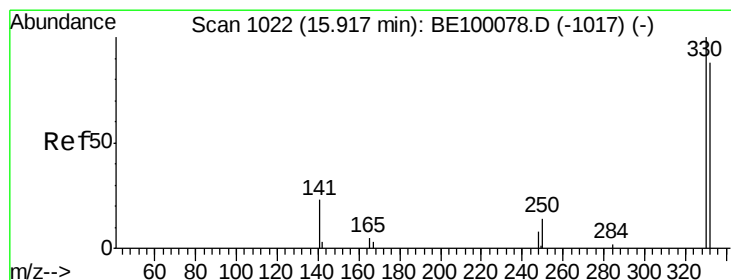
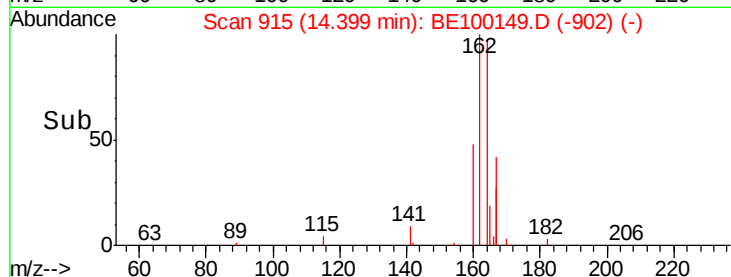
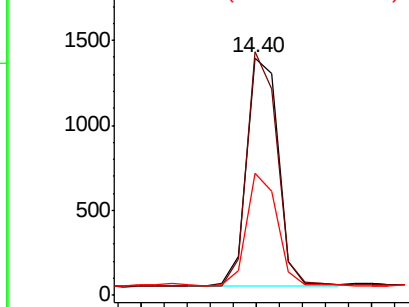
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW160-061319

Tgt Ion:164 Resp: 2571
Ion Ratio Lower Upper
164 100
162 102.5 78.2 117.2
160 51.5 45.6 68.4

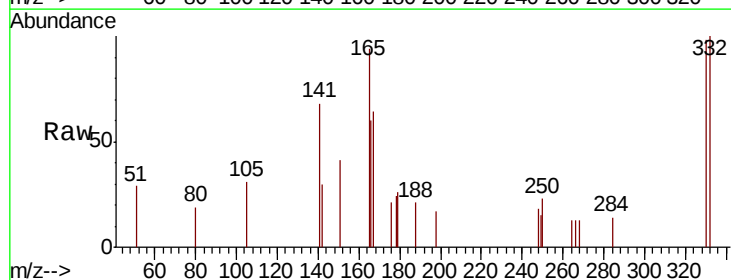


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

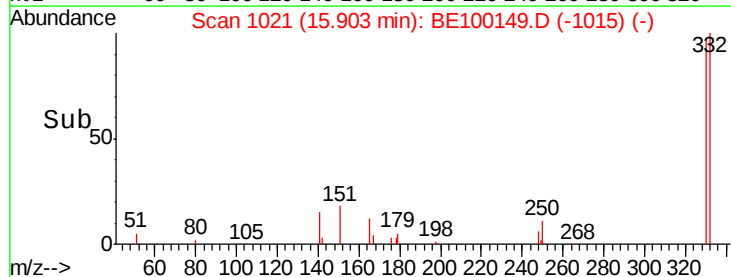
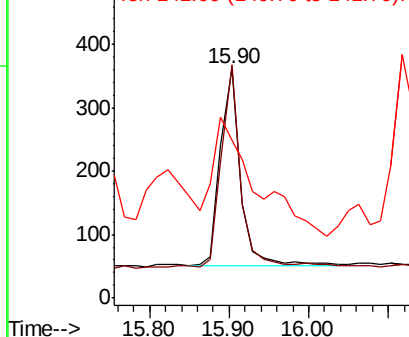


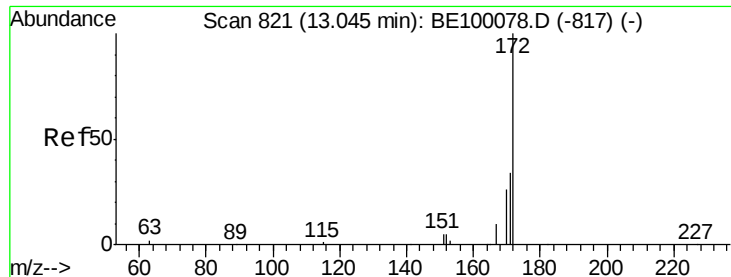
#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Tgt Ion:330 Resp: 538
Ion Ratio Lower Upper
330 100
332 98.7 73.3 109.9
141 131.0 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

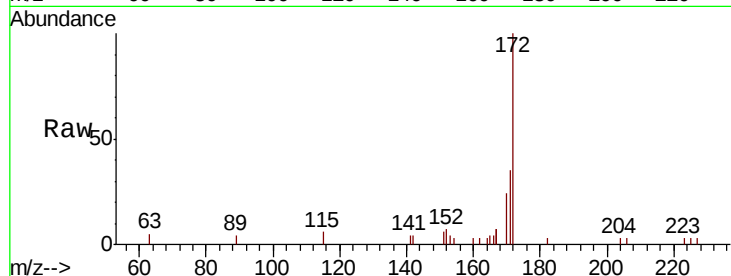




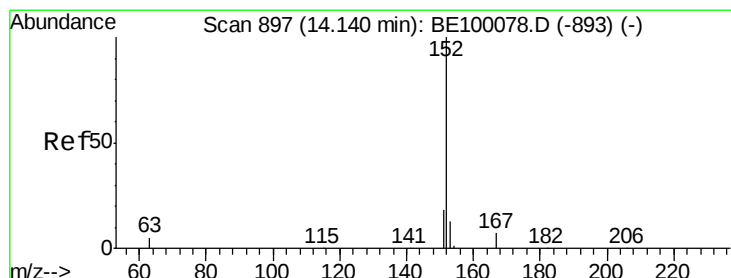
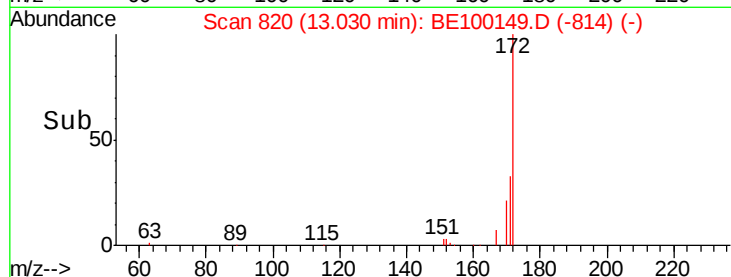
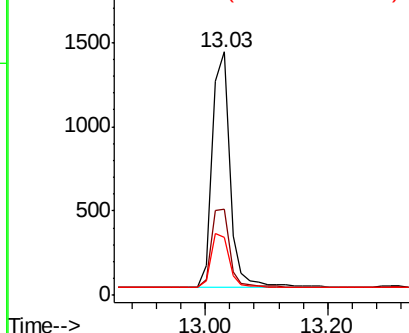
#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW160-061319

Tgt Ion:172 Resp: 2842
Ion Ratio Lower Upper
172 100
171 35.3 29.8 44.8
170 24.0 23.2 34.8

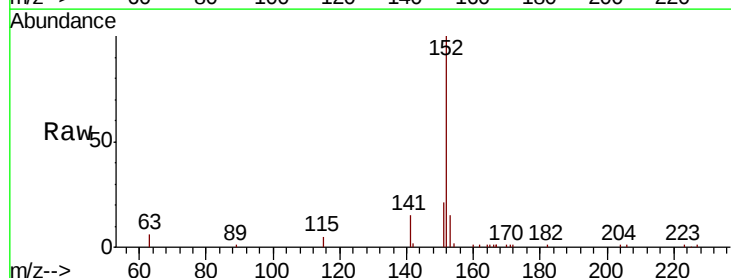


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

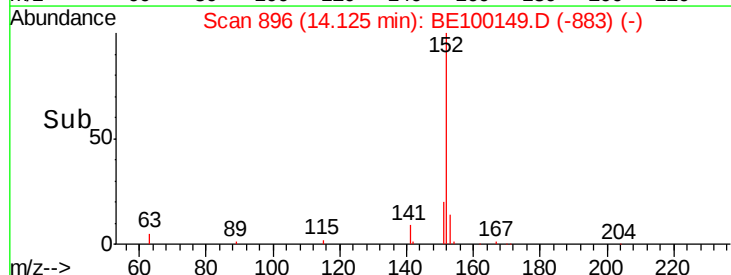
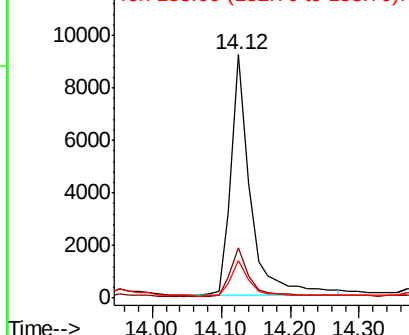


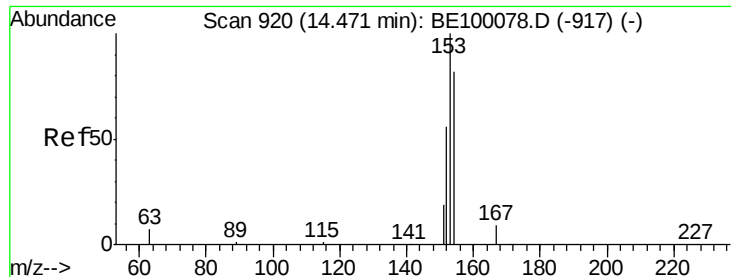
#16
Acenaphthylene
Concen: 1.457 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Tgt Ion:152 Resp: 17785
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 14.5 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

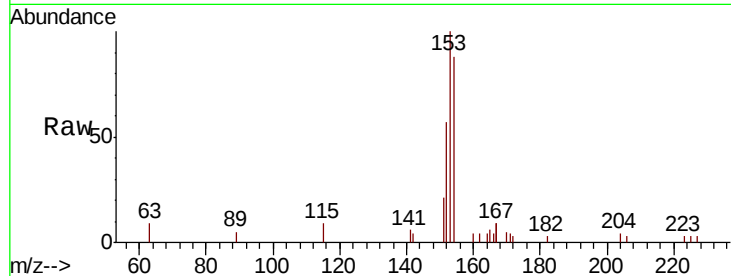




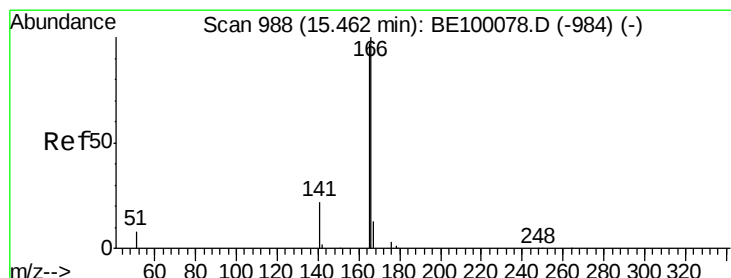
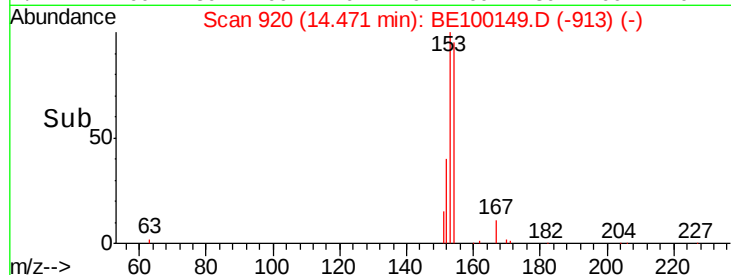
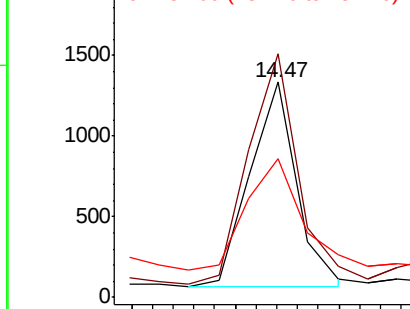
#17
Acenaphthene
Concen: 0.291 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW160-061319

Tgt Ion:154 Resp: 1989
Ion Ratio Lower Upper
154 100
153 120.2 95.5 143.3
152 64.6 54.9 82.3

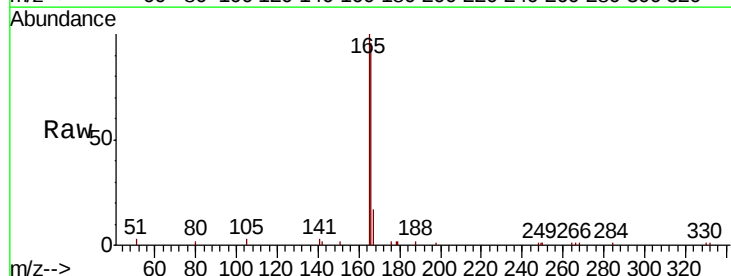


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

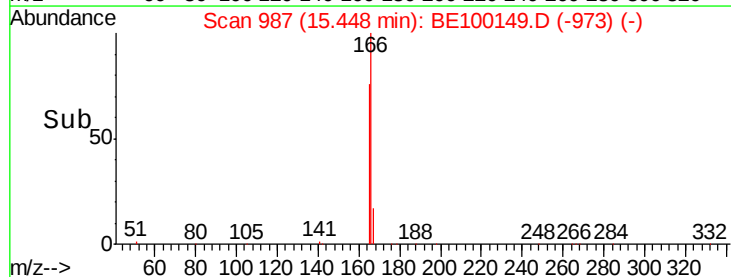
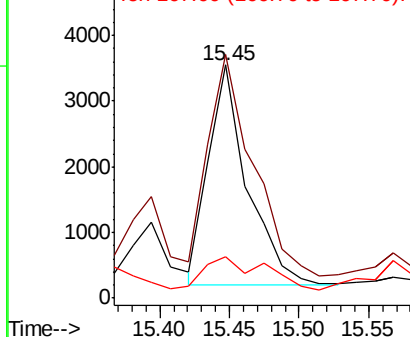


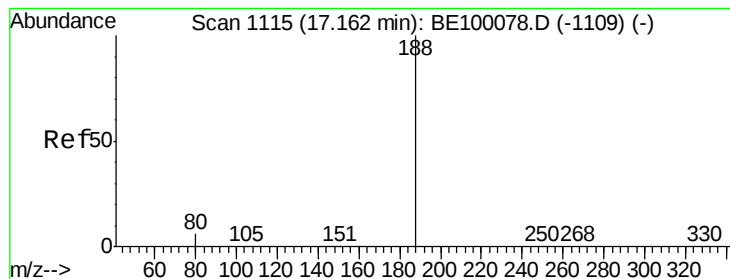
#18
Fluorene
Concen: 0.636 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Tgt Ion:166 Resp: 6467
Ion Ratio Lower Upper
166 100
165 115.2 79.8 119.8
167 23.2 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: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

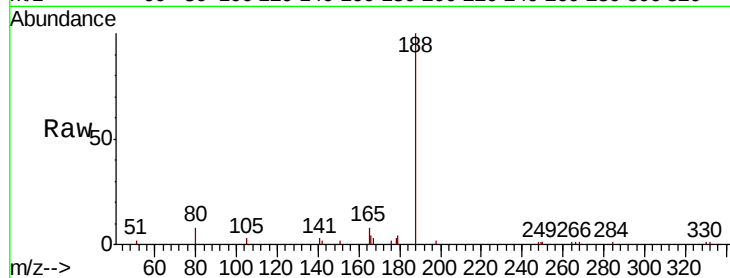
Tgt Ion:188 Resp: 7520

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

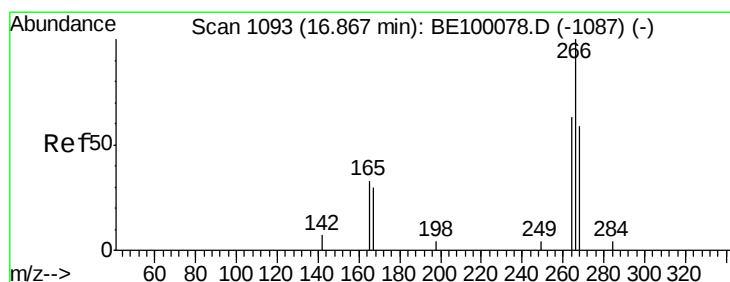
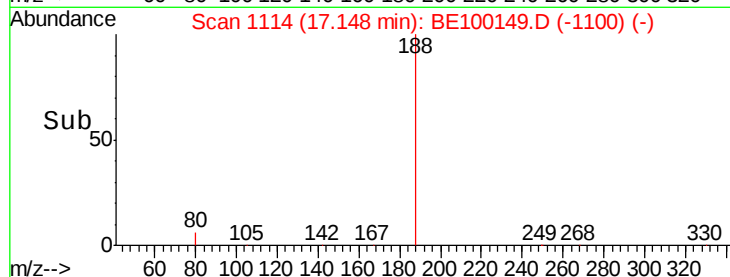
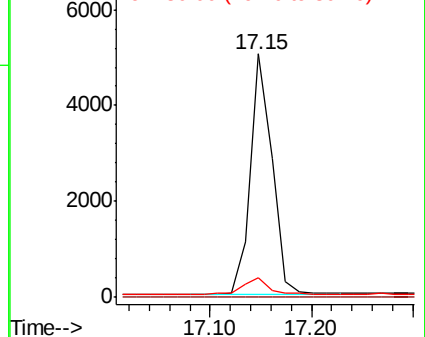
80 8.0 6.3 9.5



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: 0.250 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.03 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

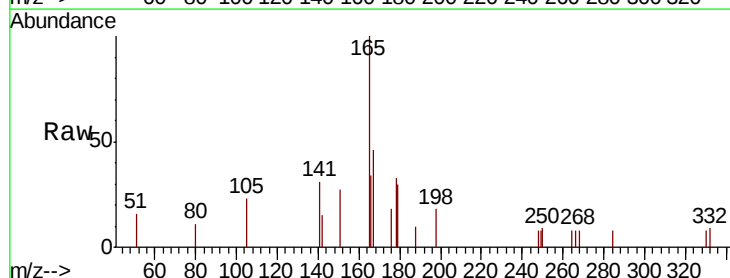
Tgt Ion:266 Resp: 13

Ion Ratio Lower Upper

266 100

264 92.9 67.8 101.6

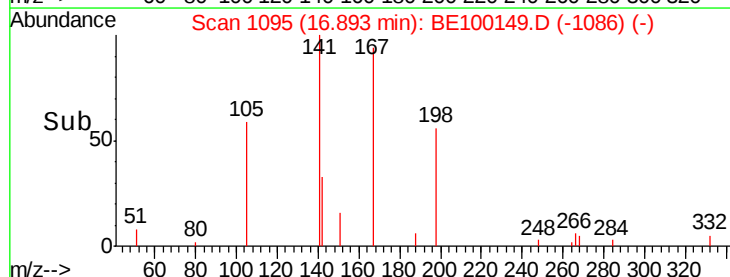
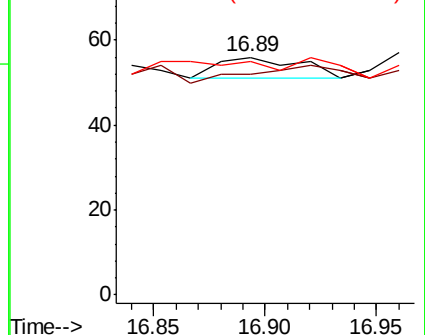
268 98.2 70.0 105.0

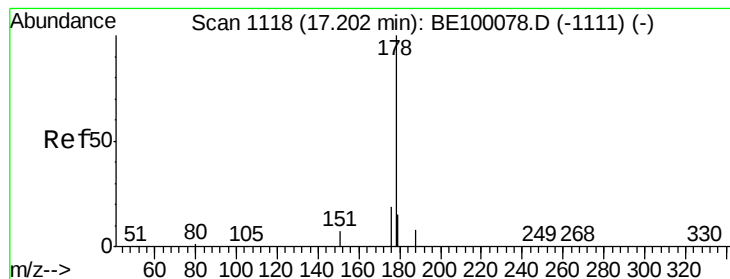


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 7.524 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

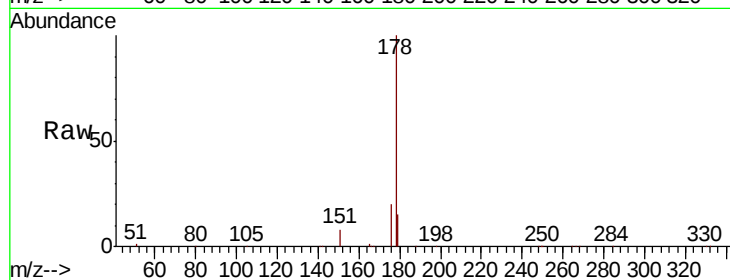
Tgt Ion:178 Resp: 135559

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

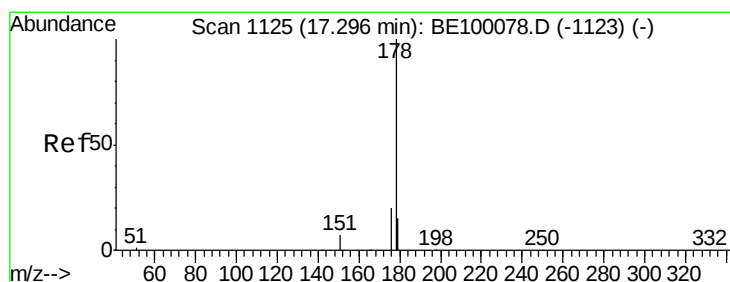
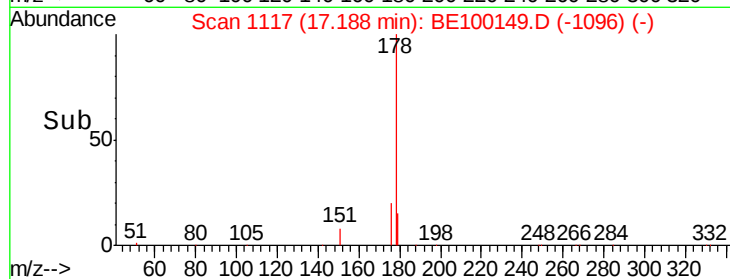
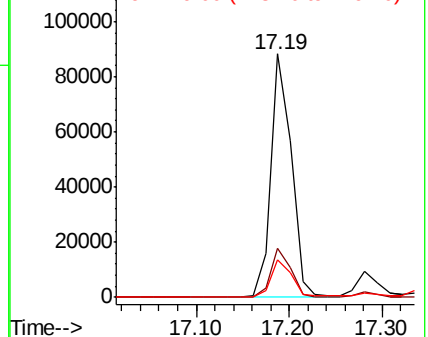
179 15.7 13.1 19.7



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: 0.882 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

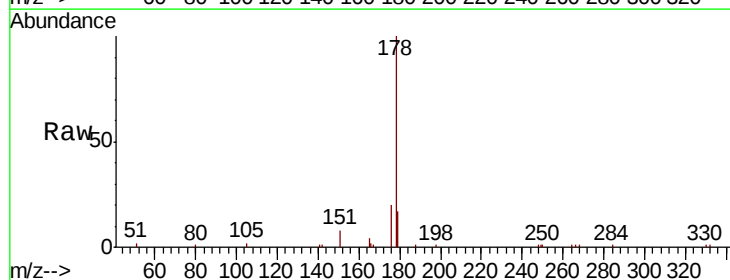
Tgt Ion:178 Resp: 13396

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

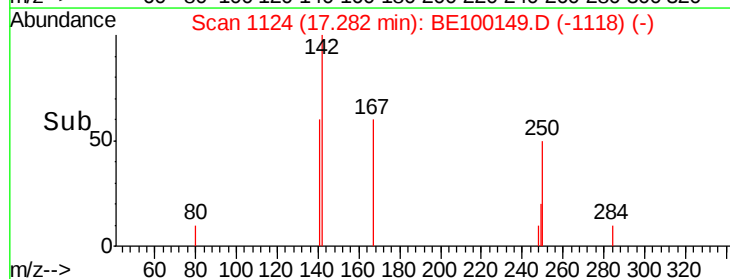
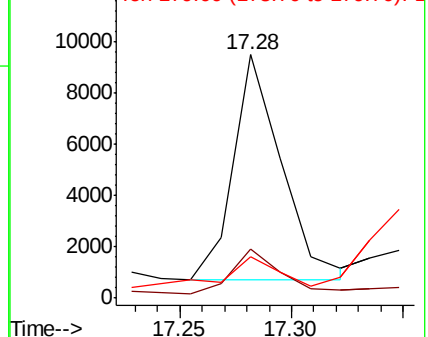
179 12.6 12.0 18.0

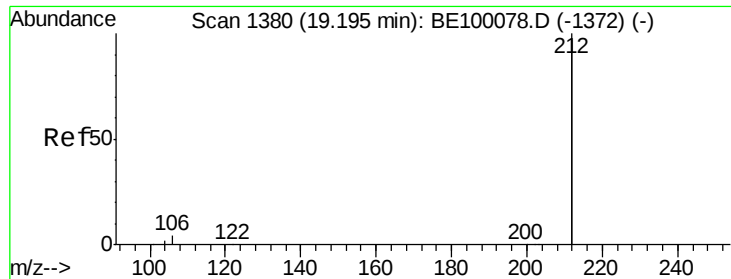


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.023 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

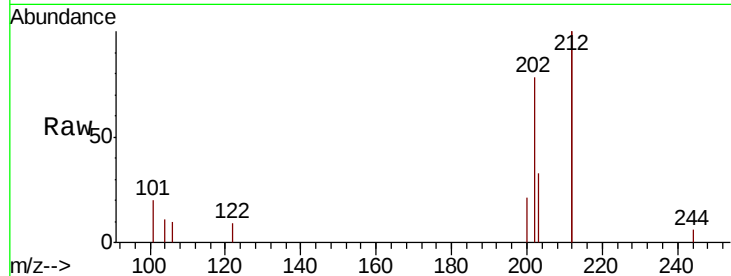
Tgt Ion: 212 Resp: 2491

Ion Ratio Lower Upper

212 100

106 1.2 1.4 2.0#

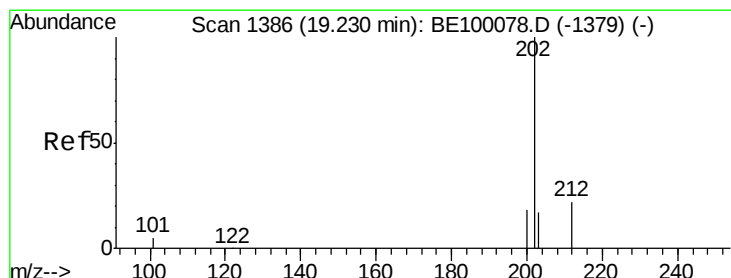
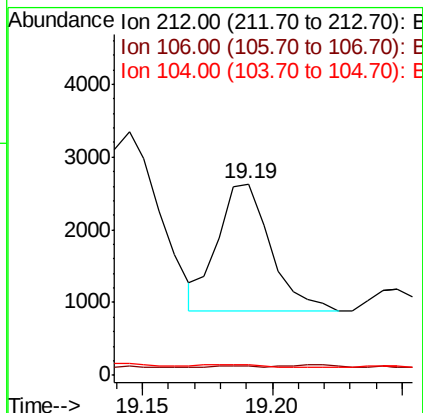
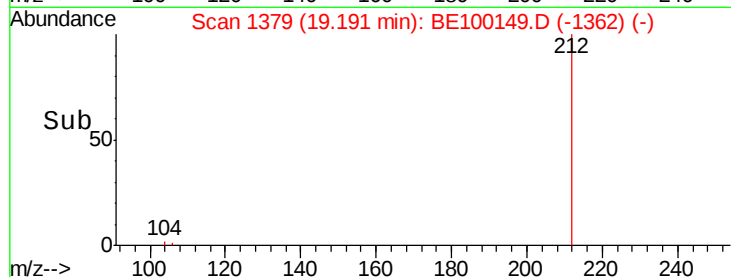
104 2.7 0.8 1.2#



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: 6.684 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

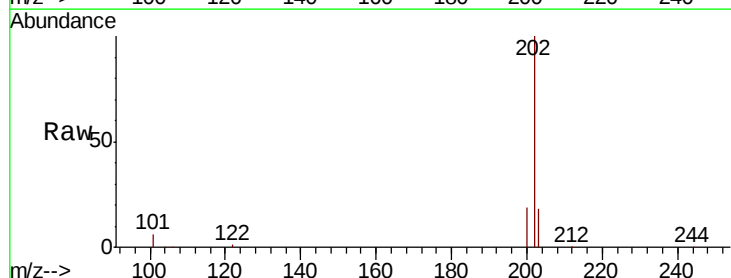
Tgt Ion: 202 Resp: 193311

Ion Ratio Lower Upper

202 100

101 5.8 5.0 7.4

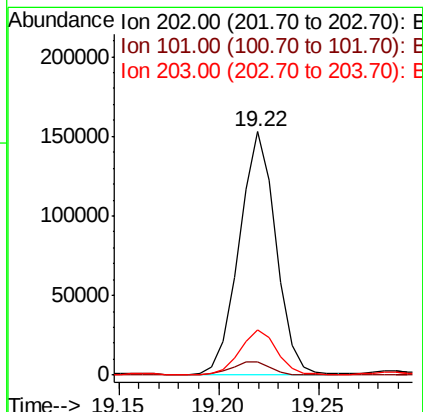
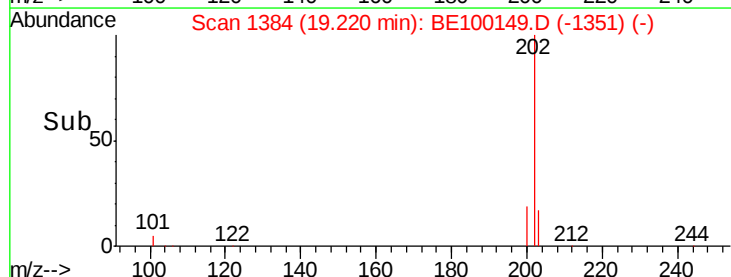
203 18.3 13.7 20.5

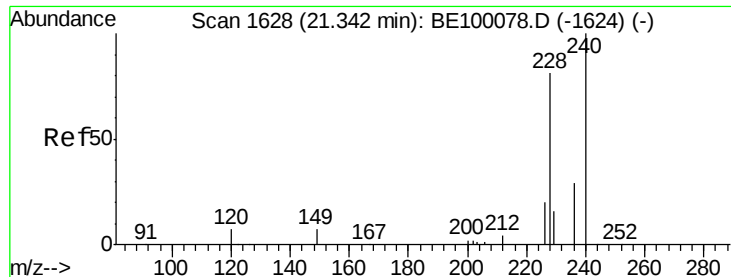


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

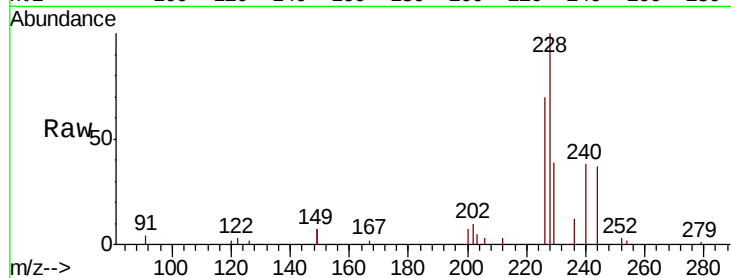
Tgt Ion:240 Resp: 9606

Ion Ratio Lower Upper

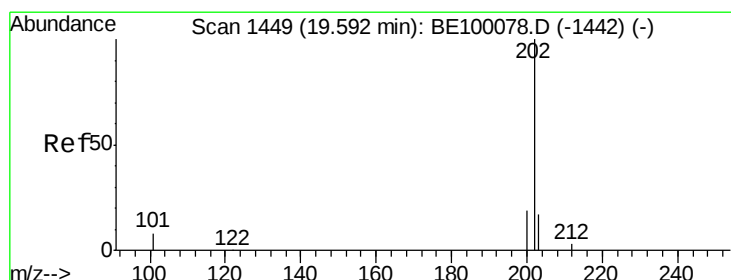
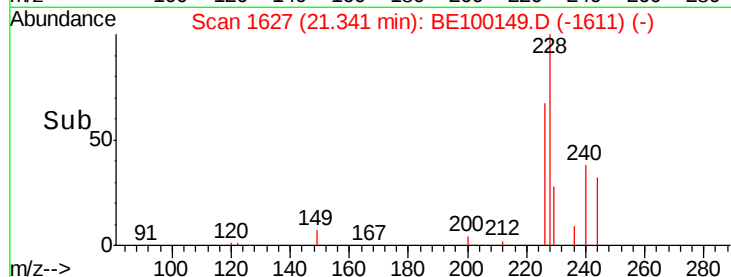
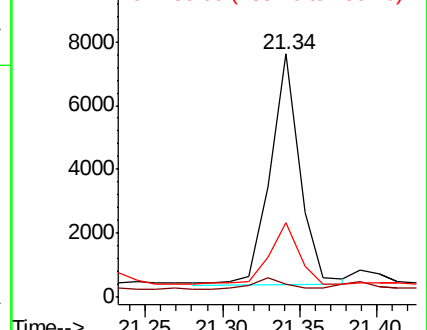
240 100

120 5.3 6.6 10.0#

236 30.7 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: 12.162 ng

RT: 19.58 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

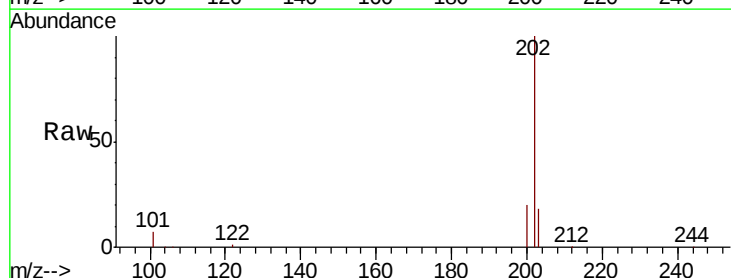
Tgt Ion:202 Resp: 300284

Ion Ratio Lower Upper

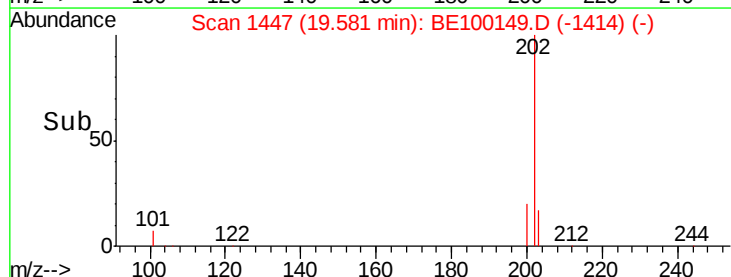
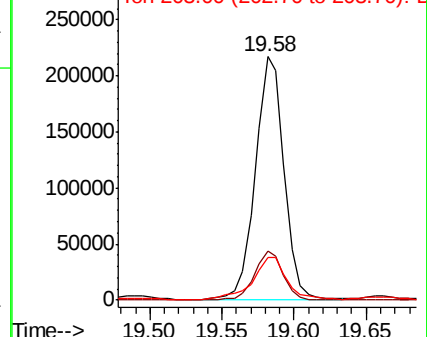
202 100

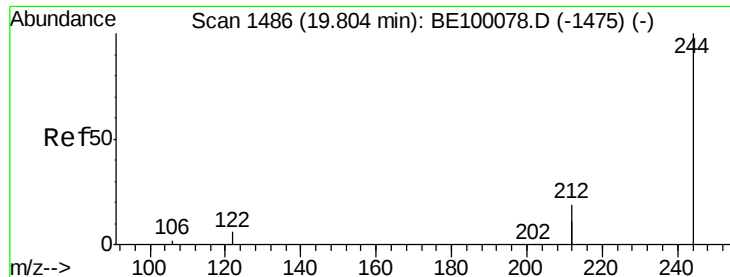
200 19.8 15.6 23.4

203 20.6 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: 0.295 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

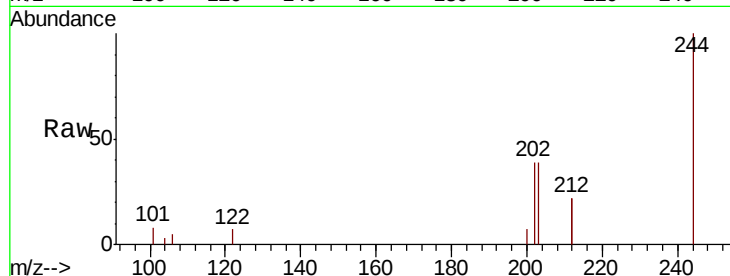
Tgt Ion:244 Resp: 5657

Ion Ratio Lower Upper

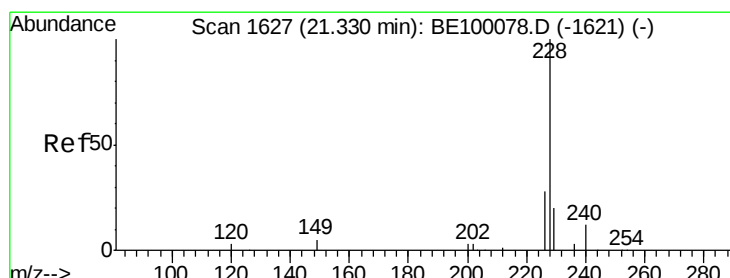
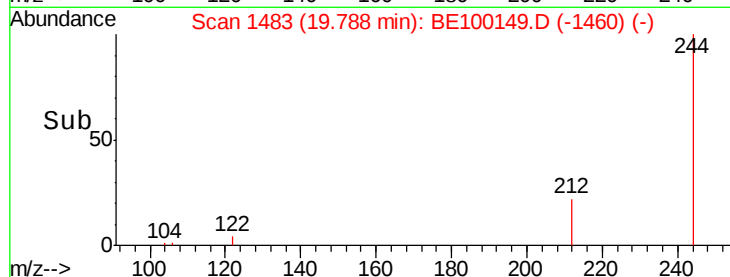
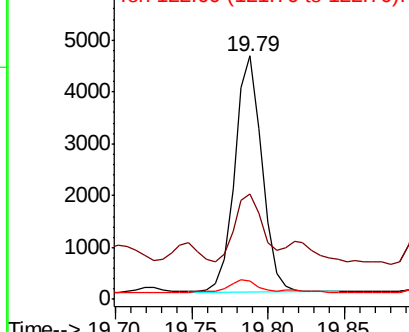
244 100

212 43.5 29.8 44.8

122 7.3 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: 5.423 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

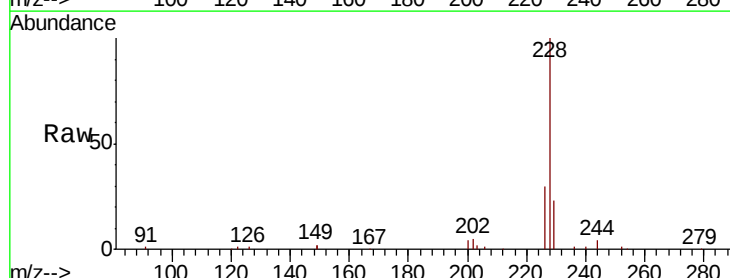
Tgt Ion:228 Resp: 154965

Ion Ratio Lower Upper

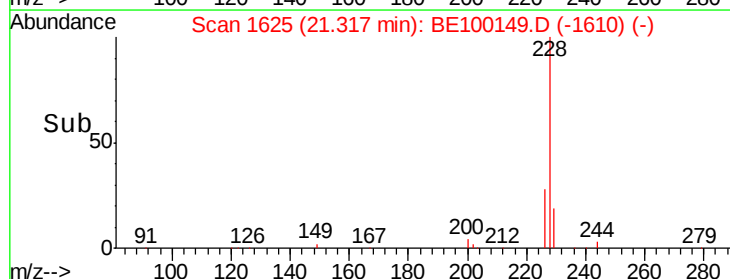
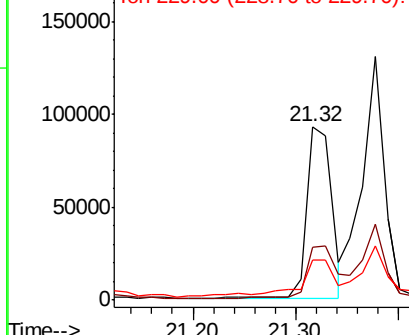
228 100

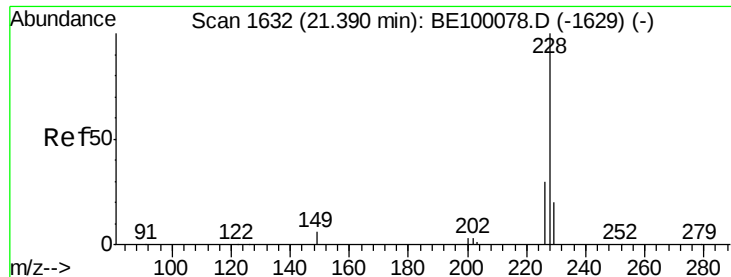
226 30.2 23.0 34.4

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: 5.961 ng

RT: 21.38 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

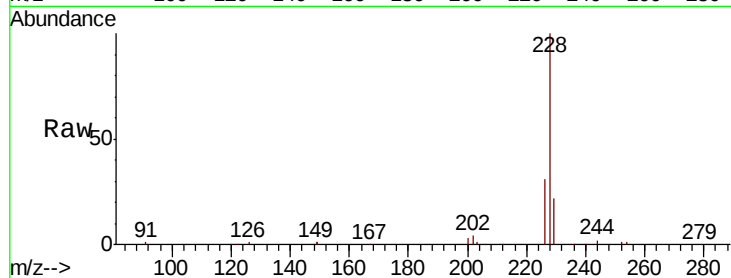
Tgt Ion: 228 Resp: 197929

Ion Ratio Lower Upper

228 100

226 31.1 23.8 35.8

229 22.4 16.3 24.5

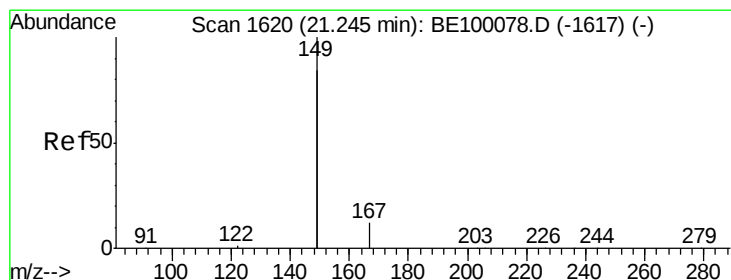
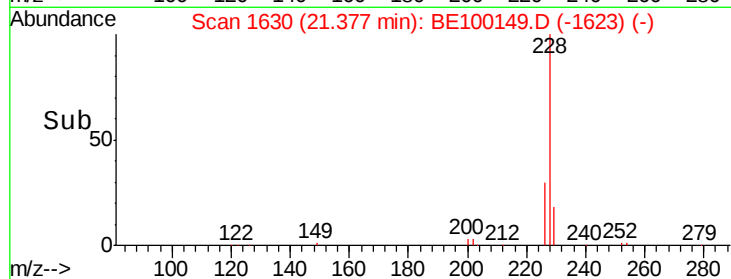
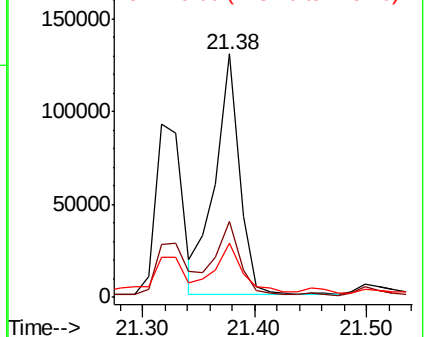


Abundance

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: 0.891 ng

RT: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

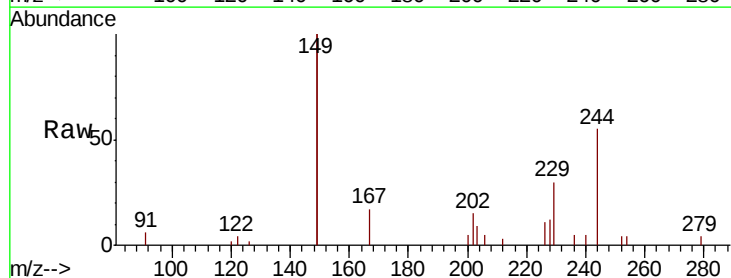
Tgt Ion: 149 Resp: 24013

Ion Ratio Lower Upper

149 100

167 8.5 5.8 8.6

279 1.6 1.1 1.7

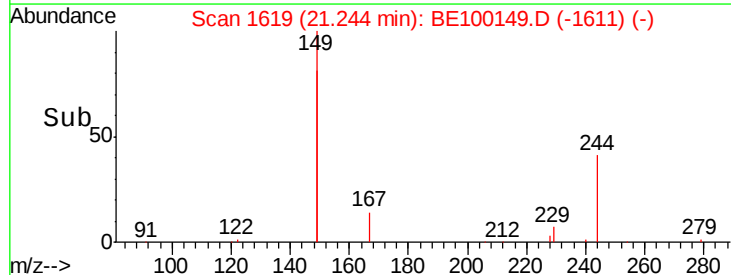
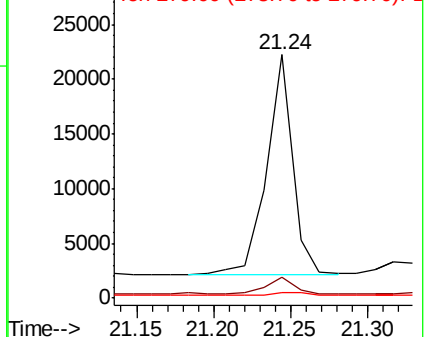


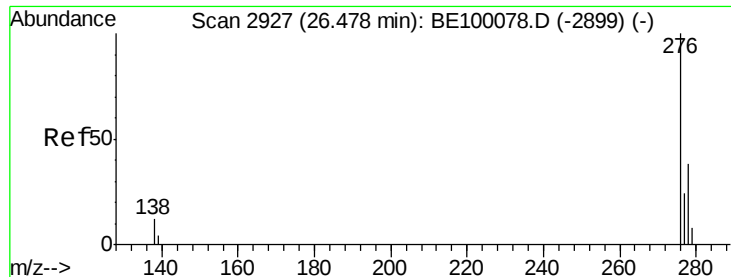
Abundance

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: 2.480 ng

RT: 26.47 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319

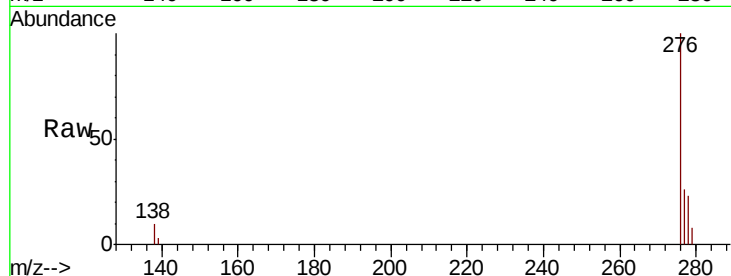
Tgt Ion:276 Resp: 92646

Ion Ratio Lower Upper

276 100

138 9.1 4.3 6.5#

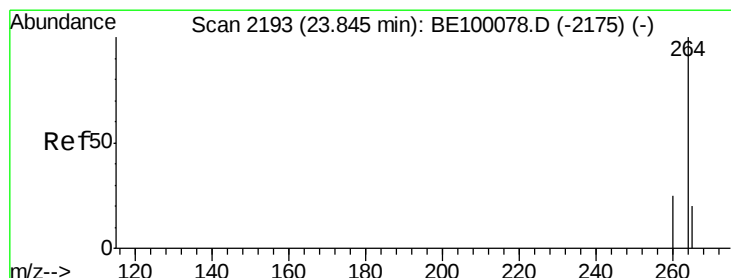
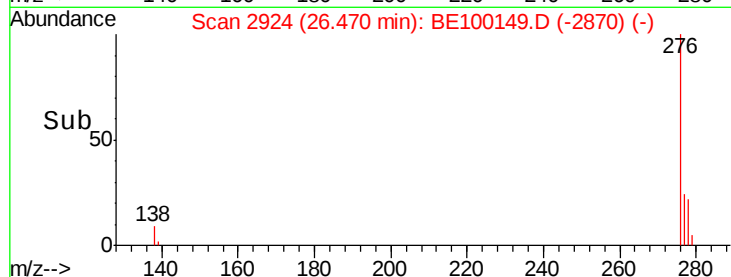
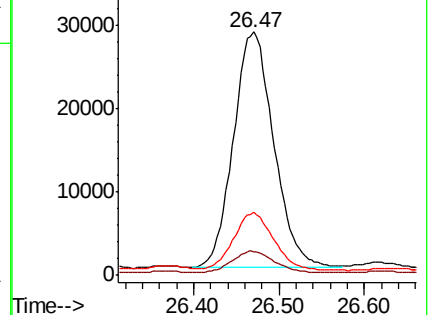
277 24.6 19.4 29.0



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: BE100149.D

Acq: 22 Jun 2019 00:58

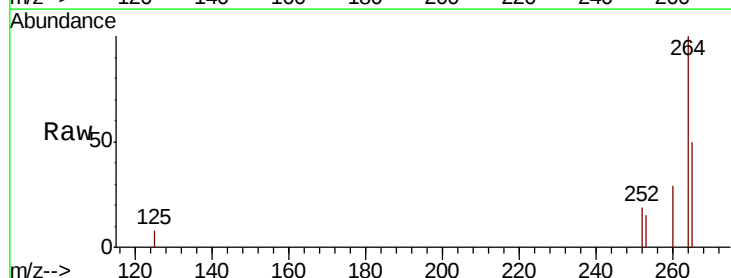
Tgt Ion:264 Resp: 11866

Ion Ratio Lower Upper

264 100

260 28.5 20.8 31.2

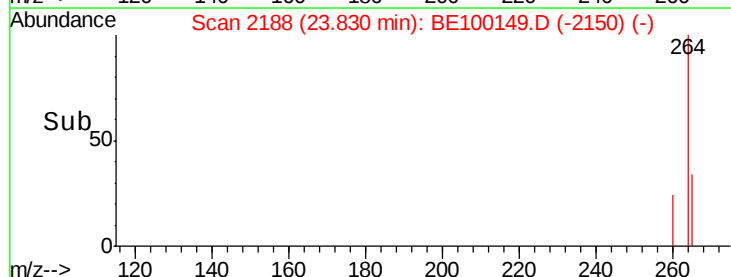
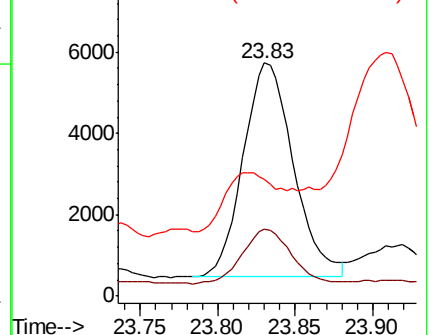
265 50.1 23.2 34.8#

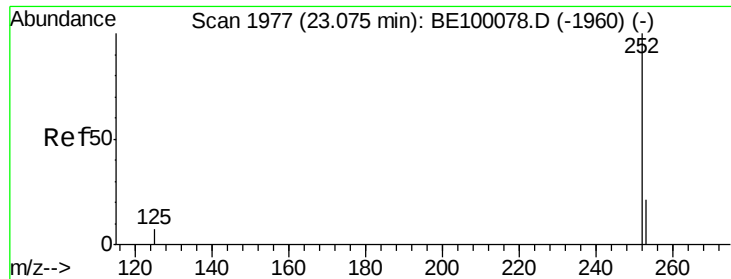


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 4.781 ng

RT: 23.07 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Instrument :

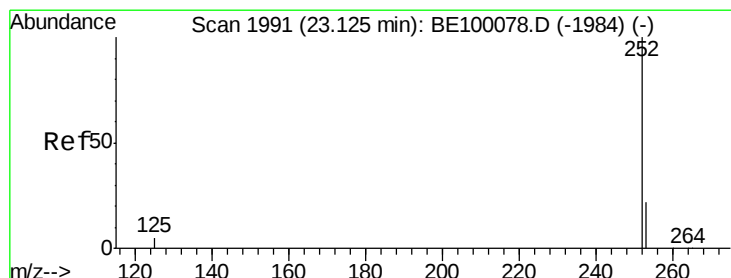
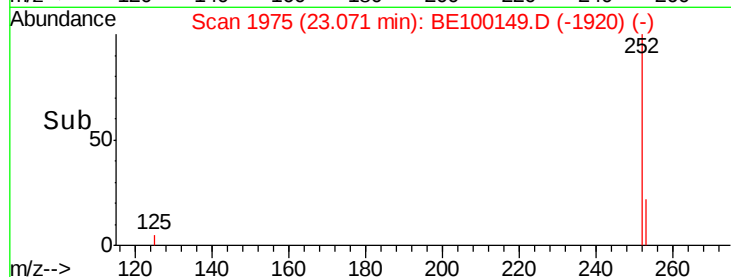
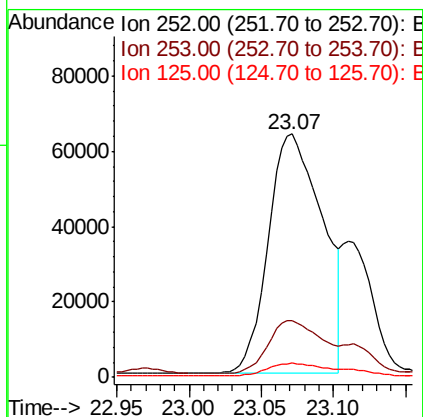
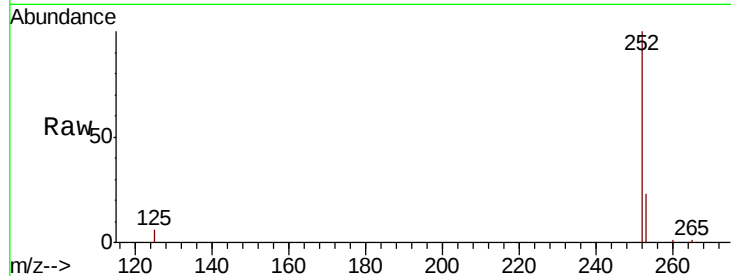
BNA_E

ClientSampleId :

EXT-013-SW160-061319

Tgt Ion:252 Resp: 166471

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	5.8	6.4	9.6#



#36

Benzo(k)fluoranthene

Concen: 4.203 ng

RT: 23.07 min Scan# 1975

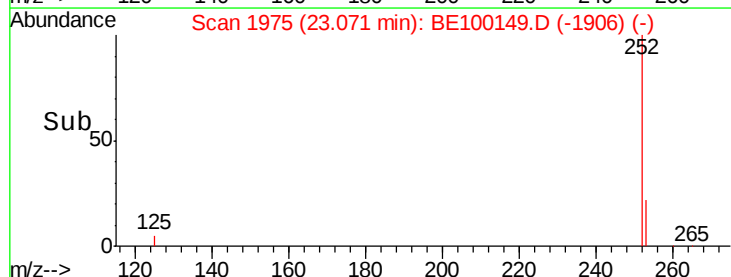
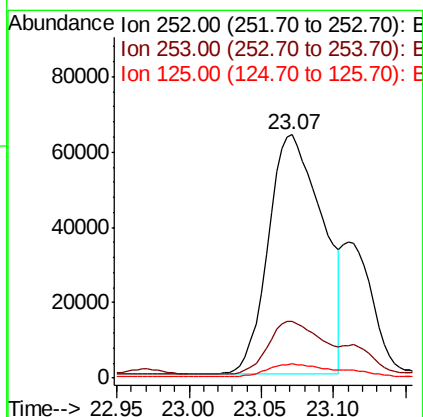
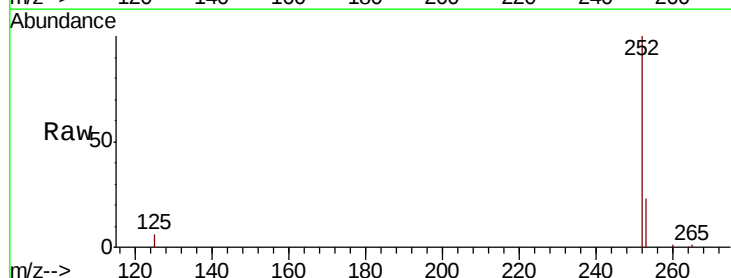
Delta R.T. -0.05 min

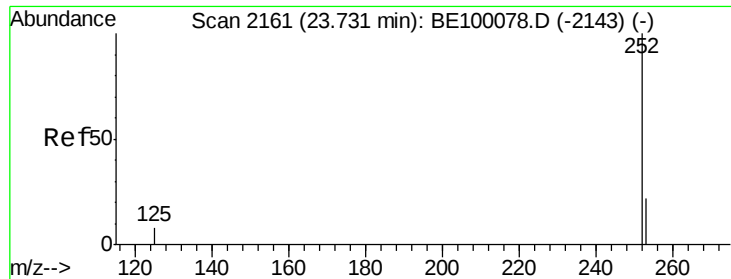
Lab File: BE100149.D

Acq: 22 Jun 2019 00:58

Tgt Ion:252 Resp: 166471

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	5.8	5.3	7.9

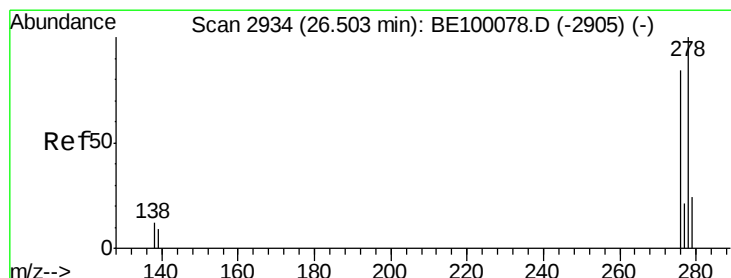
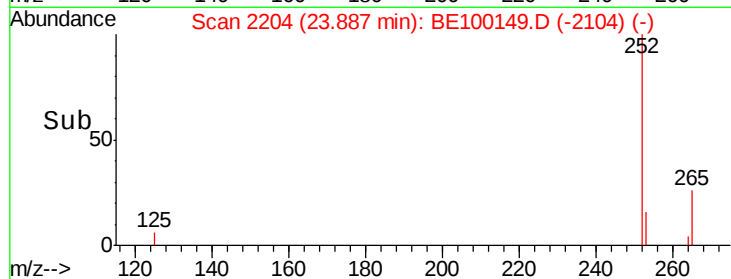
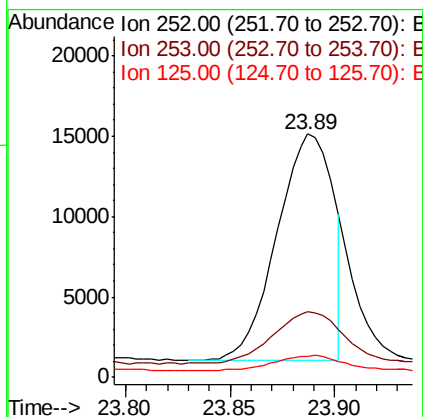
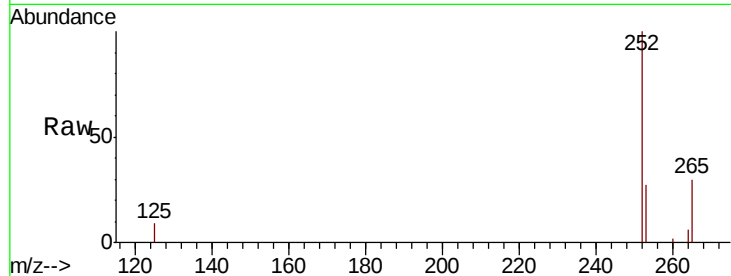




#37
Benzo(a)pyrene
Concen: 0.776 ng
RT: 23.89 min Scan# 2204
Delta R.T. 0.16 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

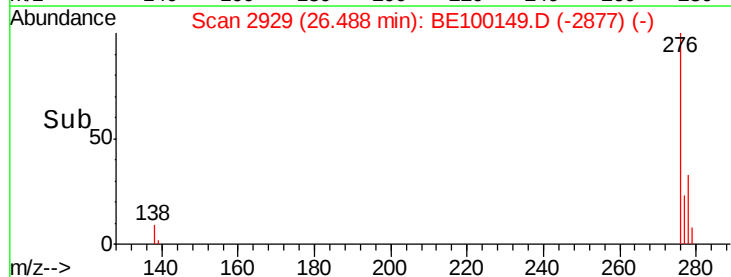
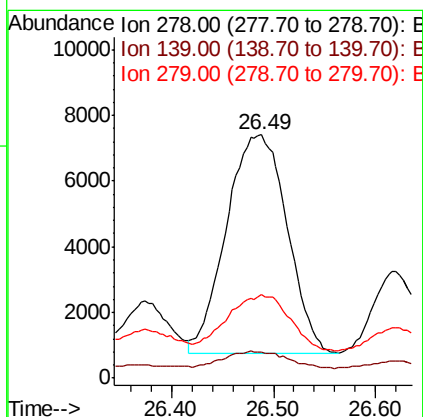
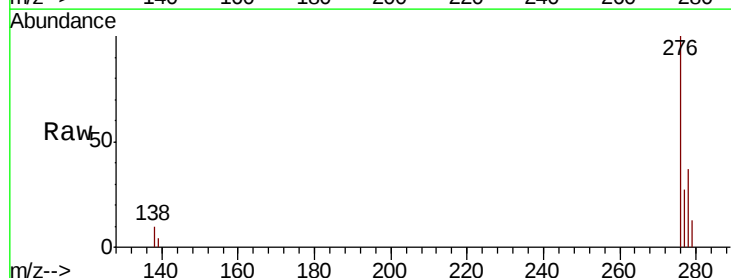
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW160-061319

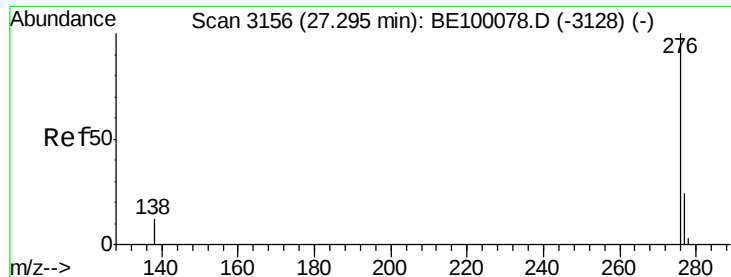
Tgt Ion: 252 Resp: 26088
Ion Ratio Lower Upper
252 100
253 26.9 19.4 29.2
125 8.8 8.0 12.0



#38
Dibenzo(a,h)anthracene
Concen: 0.800 ng
RT: 26.49 min Scan# 2929
Delta R.T. -0.01 min
Lab File: BE100149.D
Acq: 22 Jun 2019 00:58

Tgt Ion: 278 Resp: 27545
Ion Ratio Lower Upper
278 100
139 10.4 9.0 13.6
279 34.5 21.4 32.0#





#39

Benzo(g,h,i)perylene

Concen: 3.022 ng

RT: 27.29 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE100149.D

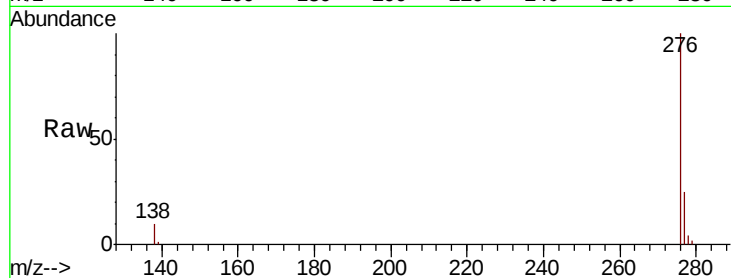
Acq: 22 Jun 2019 00:58

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW160-061319



Tgt Ion: 276 Resp: 108181

Ion Ratio Lower Upper

276 100

277 24.9 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

