

Data File : BE101109.D
Acq On : 21 Jan 2020 14:45
Operator : CG/JU
Sample : L1179-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SB-MW-16MSD

Quant Time: Jan 22 07:56:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	662	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	4166	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	6616	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16508	0.40	ng	0.00
27) Chrysene-d12	21.27	240	25761	0.40	ng	-0.01
34) Perylene-d12	23.70	264	26676	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1883	1.26	ng	-0.01
5) Phenol-d6	6.91	99	851	0.45	ng	-0.01
8) Nitrobenzene-d5	8.86	82	1022	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	4943	0.62	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1225	0.66	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	4490	0.18	ng	-0.02
25) Fluoranthene-d10	19.14	212	94095	0.41	ng	0.01
29) Terphenyl-d14	19.72	244	22678	0.36	ng	-0.01

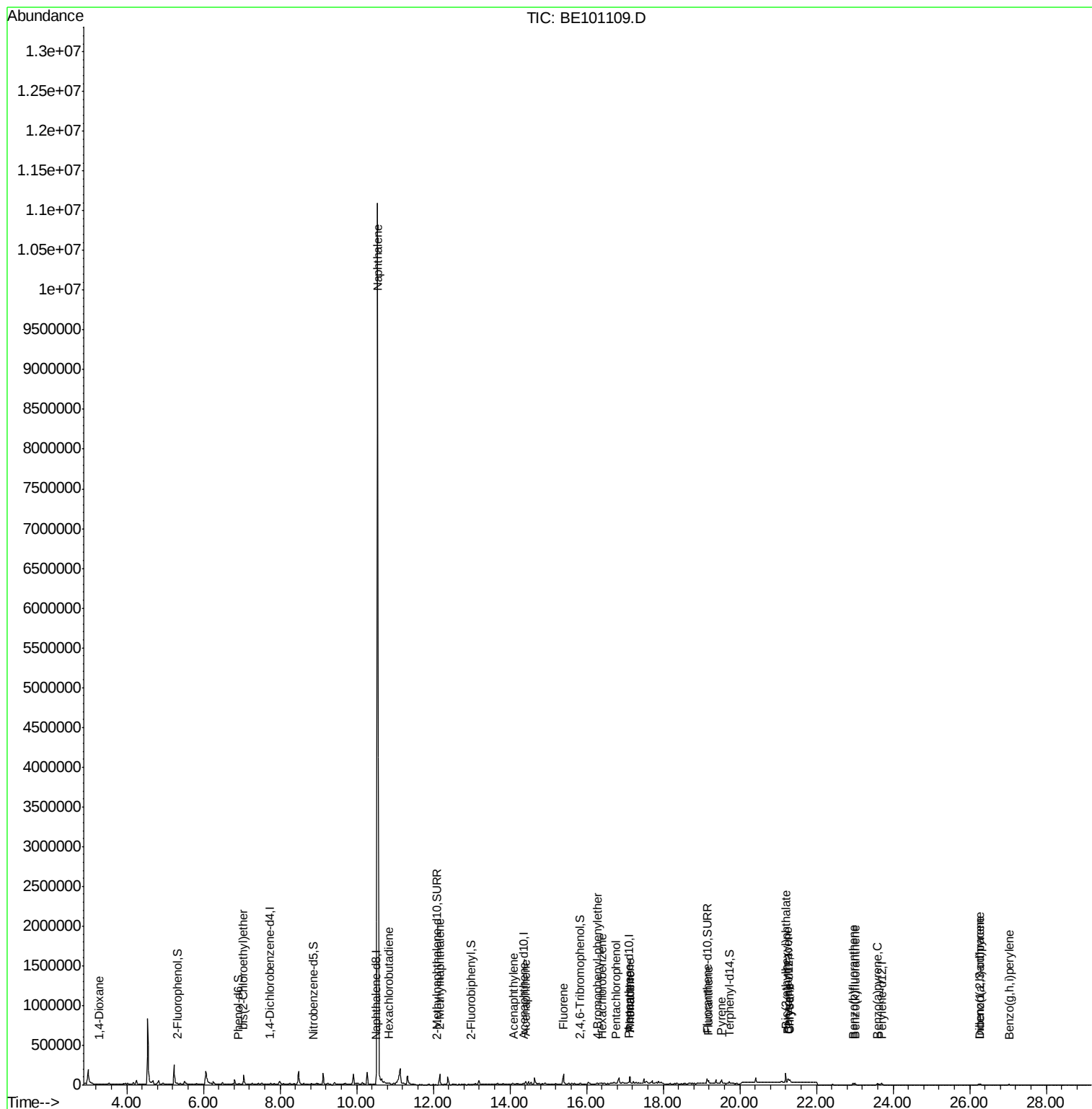
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	449	0.228	ng	# 10
6) bis(2-Chloroethyl)ether	7.04	93	160827	71.637	ng	# 1
9) Naphthalene	10.55	128	18720115	404.691	ng	99
10) Hexachlorobutadiene	10.83	225	447	0.228	ng	92
12) 2-Methylnaphthalene	12.16	142	89719	12.822	ng	98
16) Acenaphthylene	14.08	152	23309	0.865	ng	# 88
17) Acenaphthene	14.41	154	20712	1.074	ng	92
18) Fluorene	15.39	166	90837	3.726	ng	98
20) 4-Bromophenyl-phenylether	16.29	248	2296	0.285	ng	# 56
21) Hexachlorobenzene	16.40	284	1983	0.224	ng	# 67
22) Pentachlorophenol	16.76	266	2095	0.928	ng	88
23) Phenanthrene	17.13	178	110968	2.462	ng	98
24) Anthracene	17.13	178	110891	2.607	ng	97
26) Fluoranthene	19.18	202	43305	0.767	ng	99
28) Pyrene	19.52	202	41026	0.428	ng	95
30) Benzo(a)anthracene	21.26	228	32550	0.443	ng	96
31) Chrysene	21.31	228	31454	0.288	ng	95
32) Bis(2-ethylhexyl)phthalate	21.20	149	116908	0.954	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.25	276	23814	0.276	ng	# 93
35) Benzo(b)fluoranthene	22.95	252	27742	0.371	ng	# 93
36) Benzo(k)fluoranthene	23.00	252	30251	0.279	ng	# 85
37) Benzo(a)pyrene	23.59	252	26238	0.363	ng	# 94
38) Dibenzo(a,h)anthracene	26.27	278	18887	0.284	ng	# 93
39) Benzo(g,h,i)perylene	27.02	276	20150	0.246	ng	97

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

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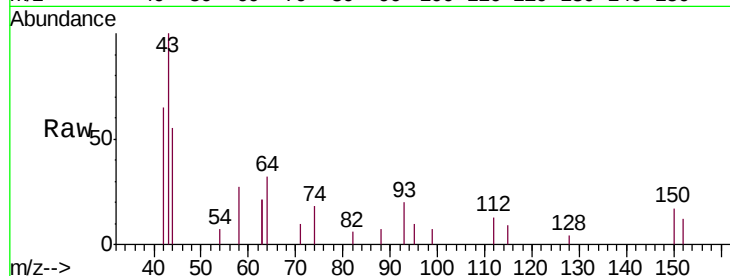


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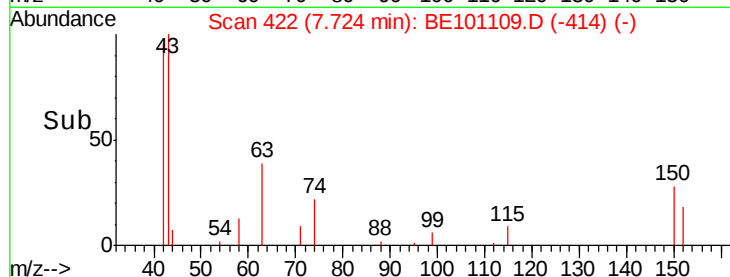
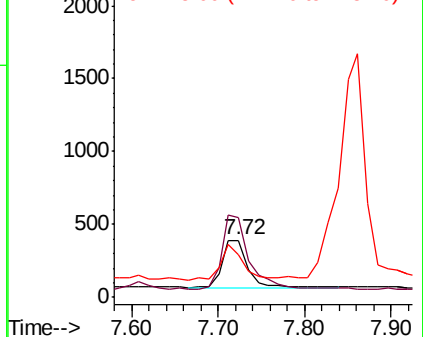
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-16MSD

Tgt Ion:152 Resp: 662
Ion Ratio Lower Upper
152 100
150 139.2 120.3 180.5
115 73.8 51.7 77.5



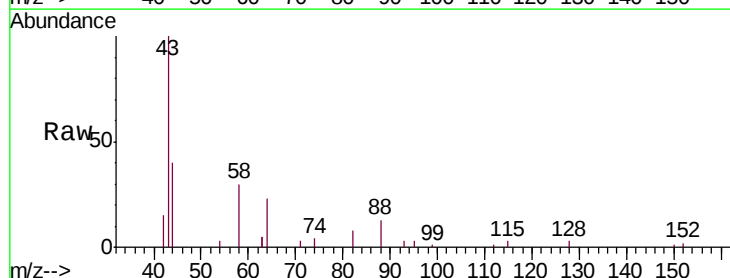
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



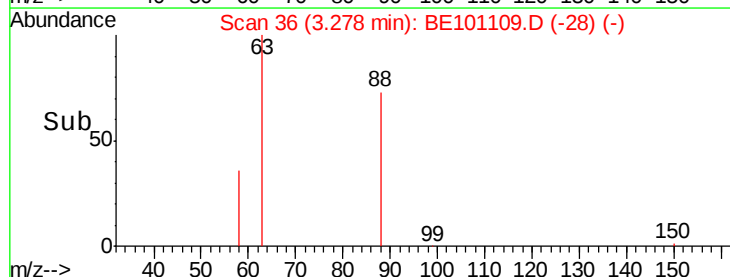
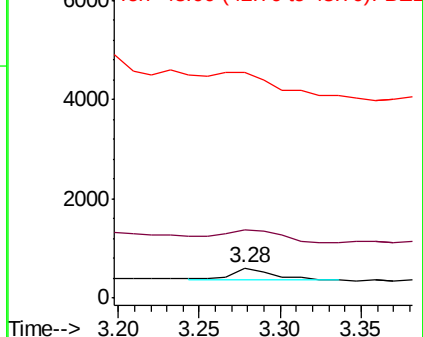
#2

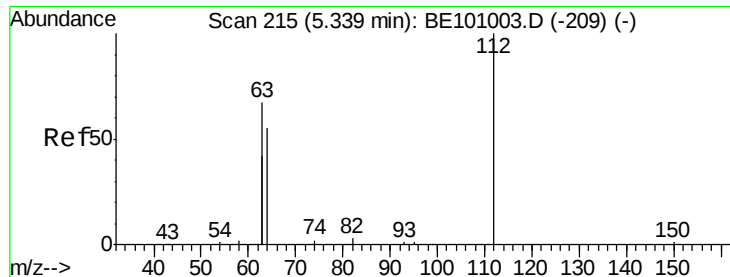
1,4-Dioxane
Concen: 0.228 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Tgt Ion: 88 Resp: 449
Ion Ratio Lower Upper
88 100
58 150.8 53.0 79.4#
43 0.0 23.4 35.2#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 1.264 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

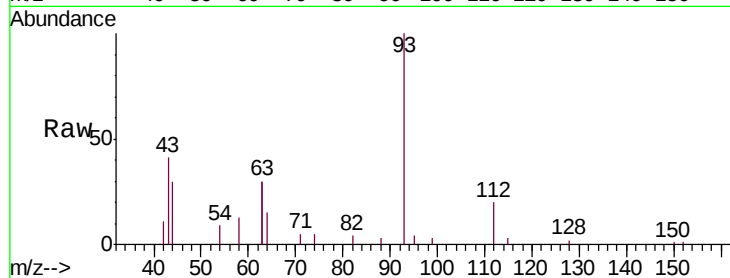
Tgt Ion: 112 Resp: 1883

Ion Ratio Lower Upper

112 100

64 0.0 53.6 80.4#

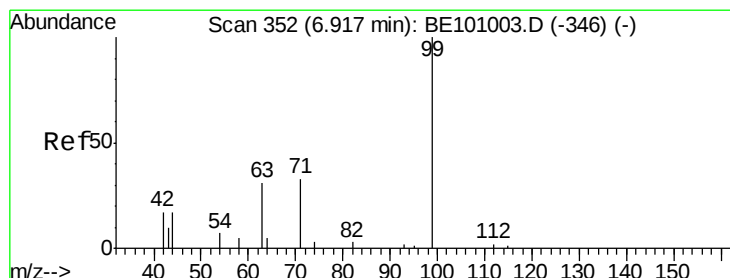
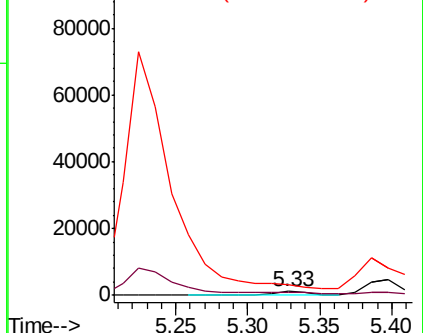
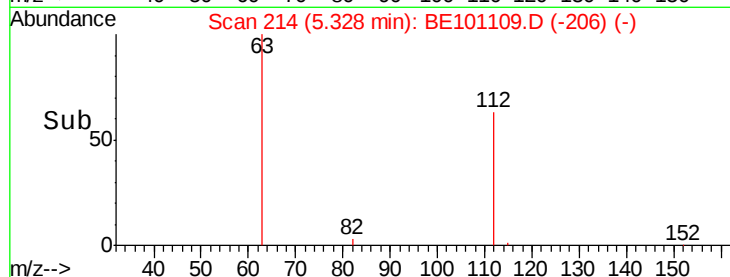
63 0.0 114.6 172.0#



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: 0.451 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

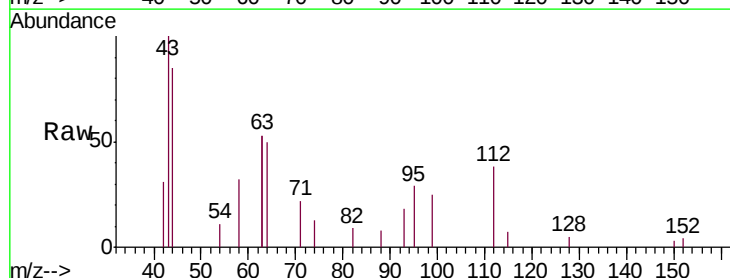
Tgt Ion: 99 Resp: 851

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

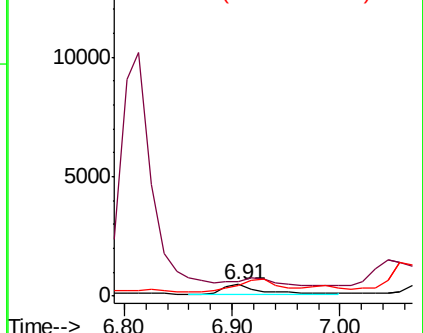
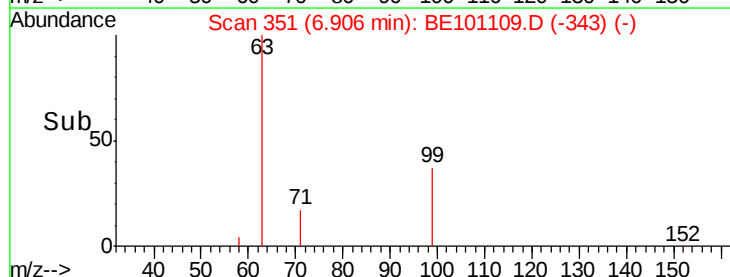
71 0.0 28.0 42.0#

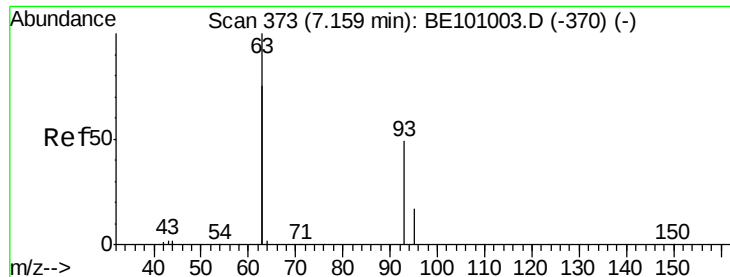


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 71.637 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.11 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

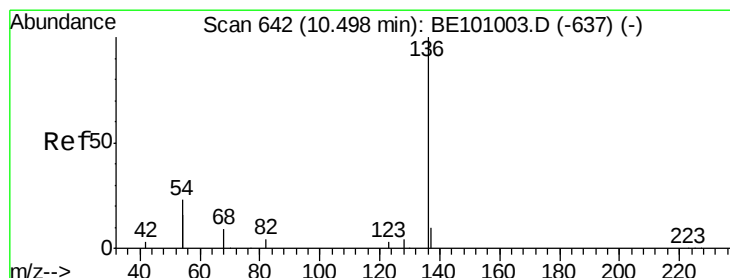
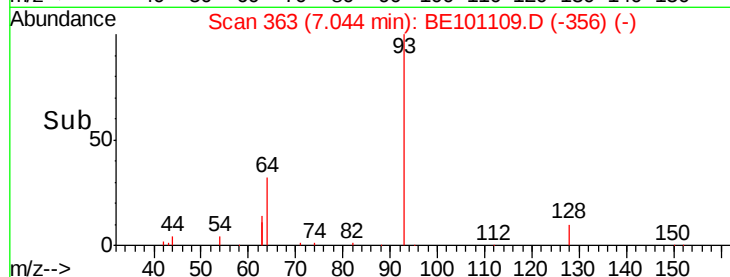
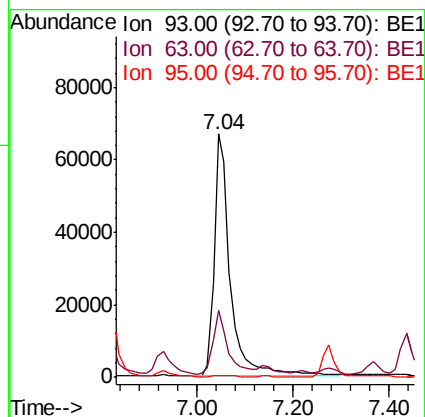
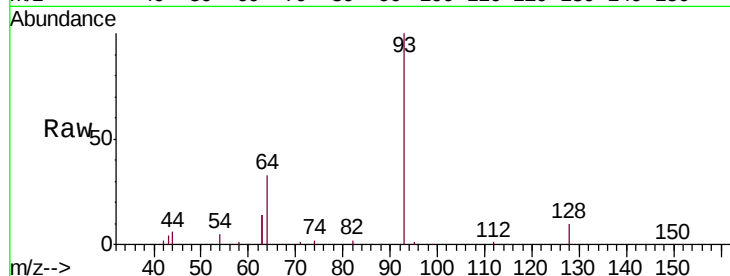
Tgt Ion: 93 Resp: 160827

Ion Ratio Lower Upper

93 100

63 23.7 233.9 350.9#

95 0.4 23.5 35.3#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Tgt Ion: 136 Resp: 4166

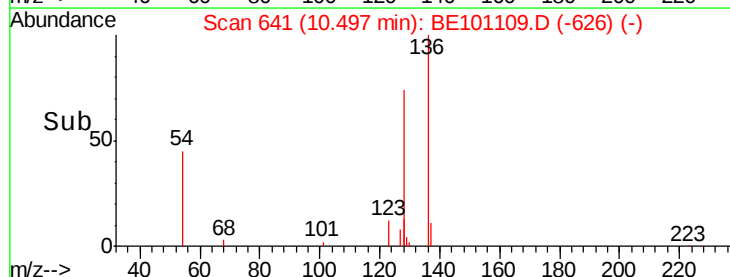
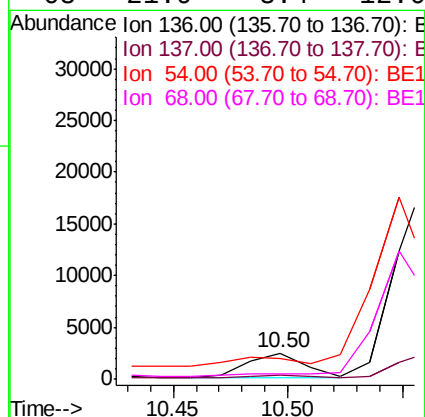
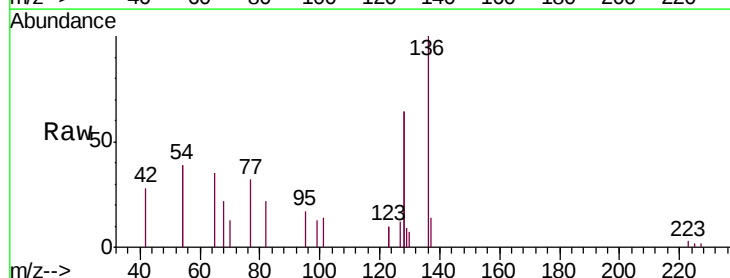
Ion Ratio Lower Upper

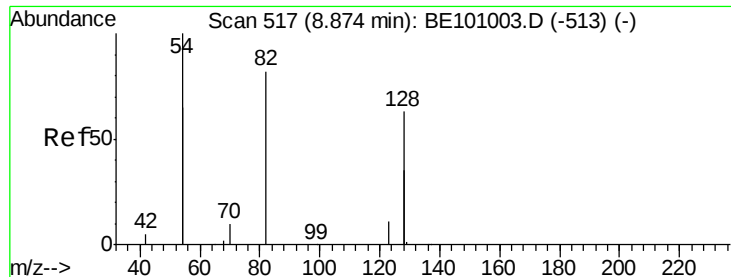
136 100

137 13.9 9.3 13.9

54 77.0 36.8 55.2#

68 21.9 8.4 12.6#





#8

Nitrobenzene-d5

Concen: 0.343 ng

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

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SB-MW-16MSD

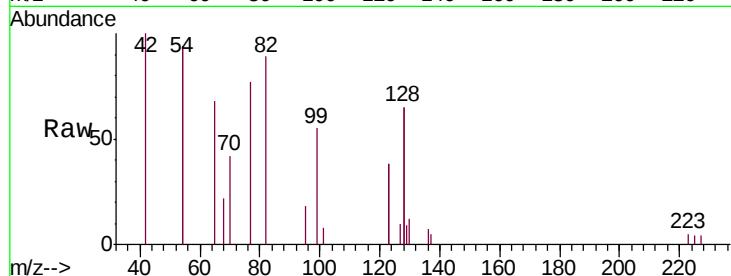
Tgt Ion: 82 Resp: 1022

Ion Ratio Lower Upper

82 100

128 146.4 109.8 164.6

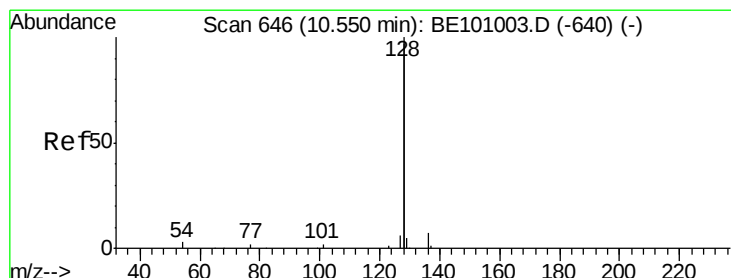
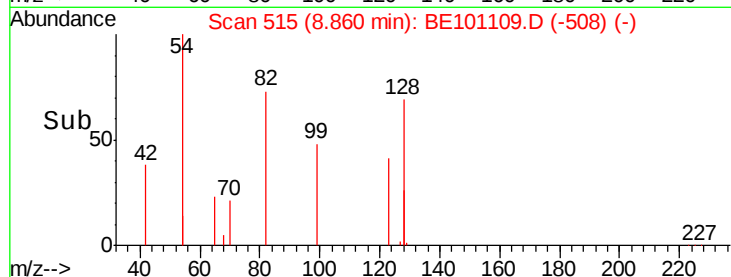
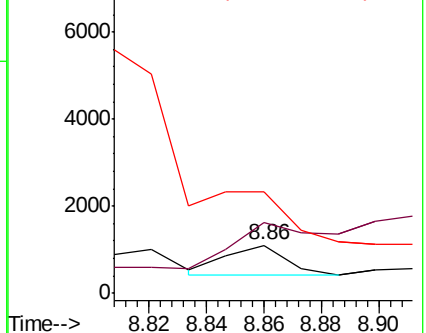
54 211.0 174.5 261.7



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: 404.691 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

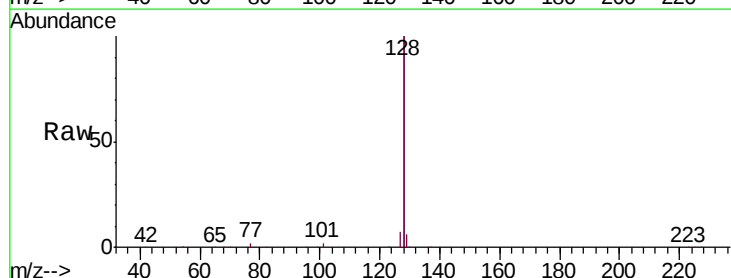
Tgt Ion: 128 Resp: 18720115

Ion Ratio Lower Upper

128 100

129 3.1 2.3 3.5

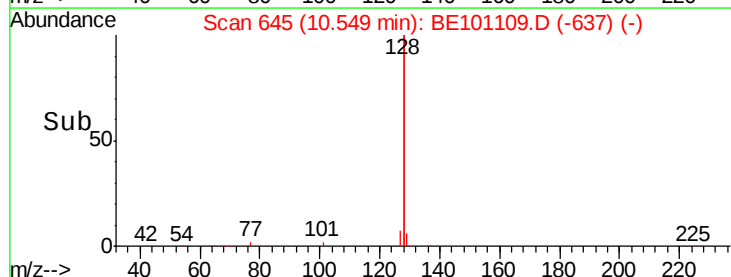
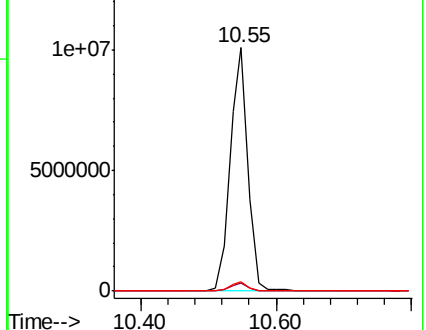
127 3.7 2.7 4.1

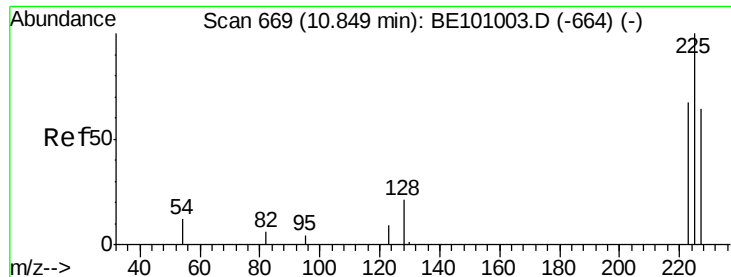


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

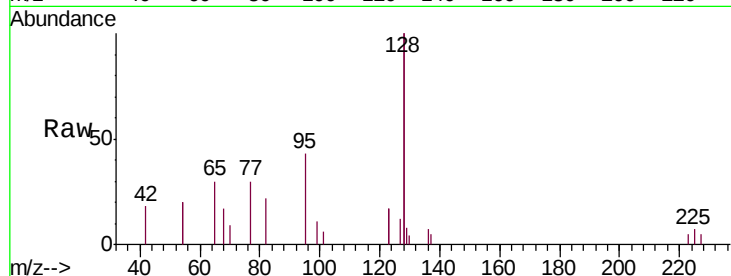




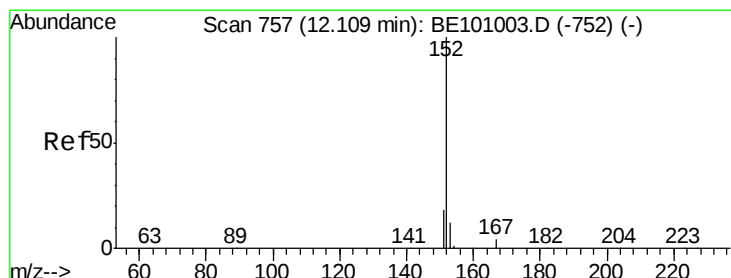
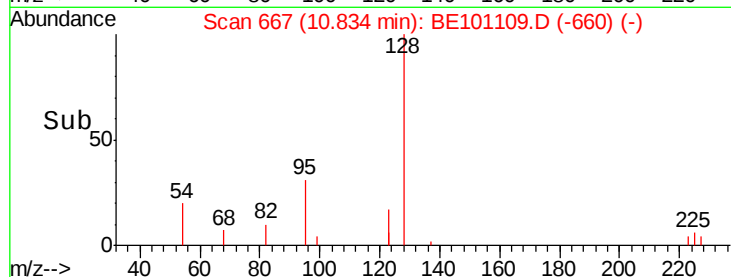
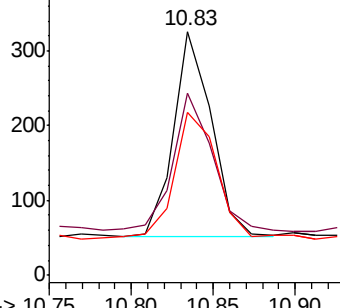
#10
Hexachlorobutadiene
Concen: 0.228 ng
RT: 10.83 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Instrument :
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Tgt Ion: 225 Resp: 447
Ion Ratio Lower Upper
225 100
223 71.6 52.2 78.4
227 69.4 49.9 74.9

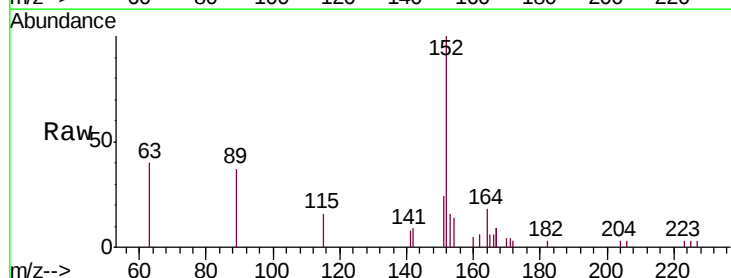


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

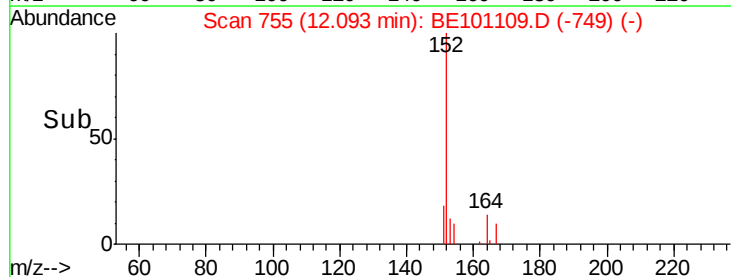
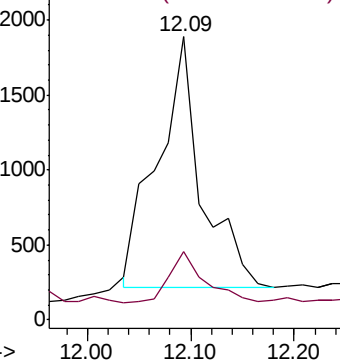


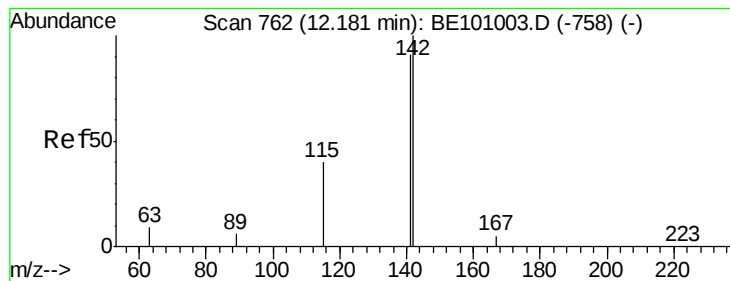
#11
2-Methylnaphthalene-d10
Concen: 0.622 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Tgt Ion: 152 Resp: 4943
Ion Ratio Lower Upper
152 100
151 16.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 12.822 ng

RT: 12.16 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

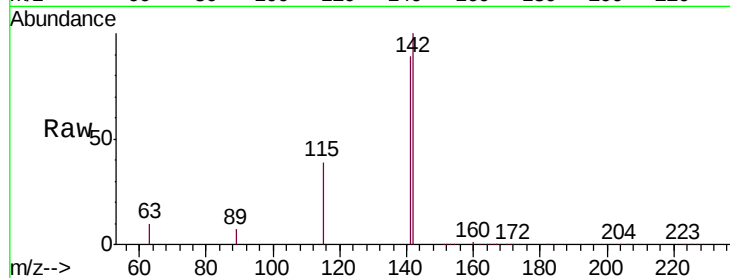
Tgt Ion:142 Resp: 89719

Ion Ratio Lower Upper

142 100

141 88.8 72.5 108.7

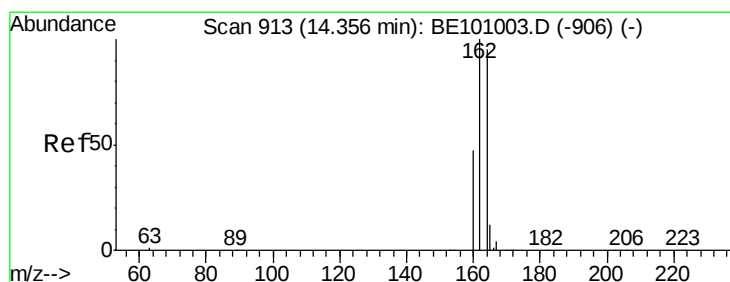
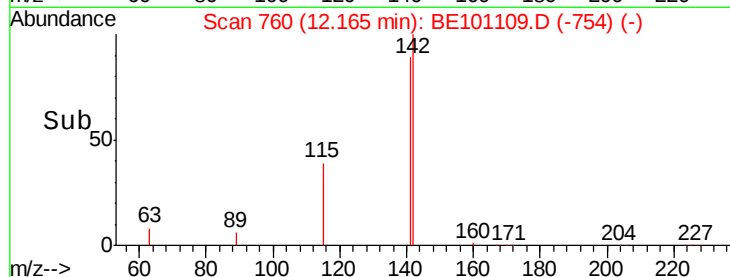
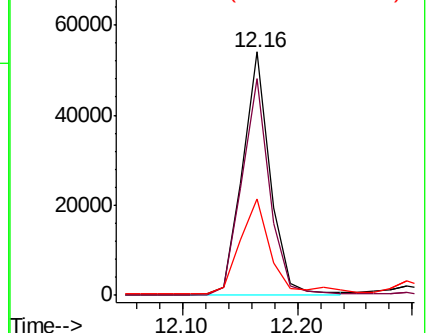
115 39.4 33.0 49.6



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: 14.35 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

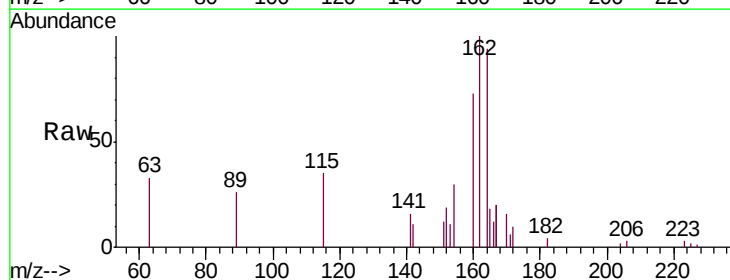
Tgt Ion:164 Resp: 6616

Ion Ratio Lower Upper

164 100

162 106.4 84.1 126.1

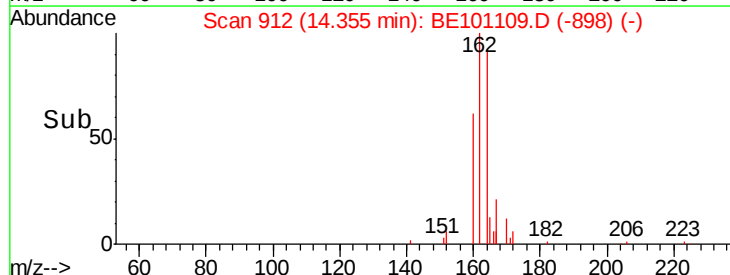
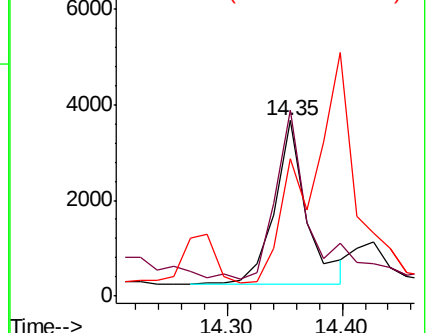
160 78.1 40.4 60.6#

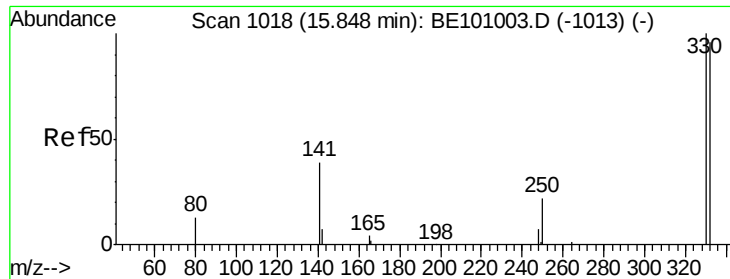


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

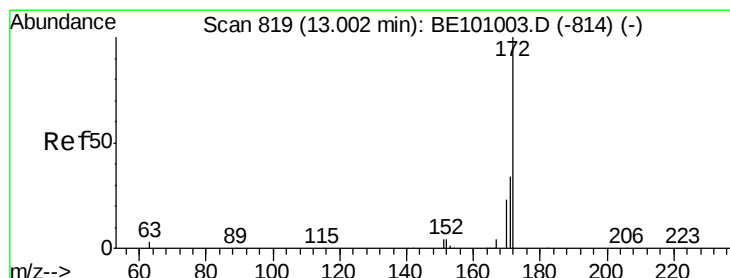
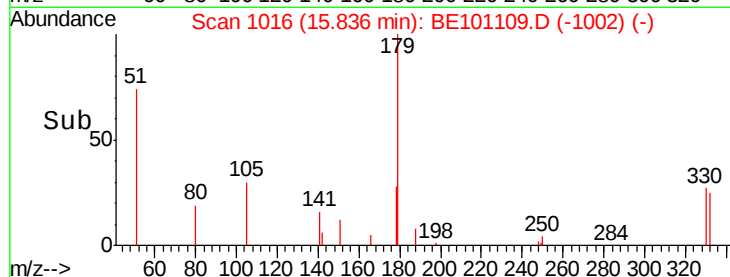
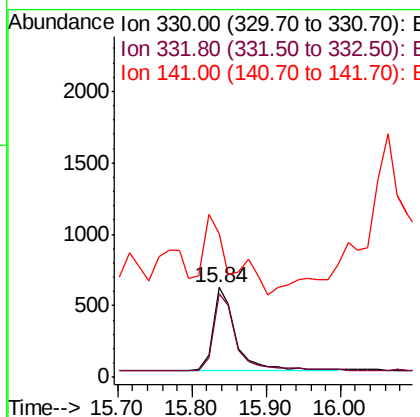
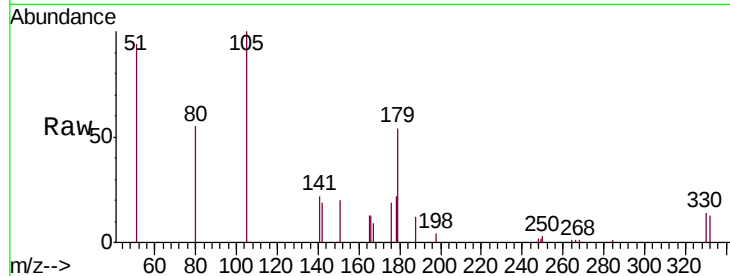




#14
 2,4,6-Tribromophenol
 Concen: 0.656 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101109.D
 Acq: 21 Jan 2020 14:45

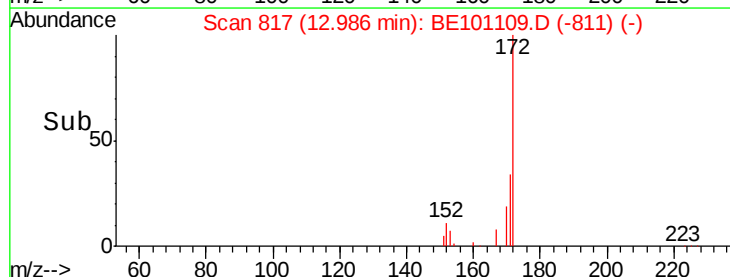
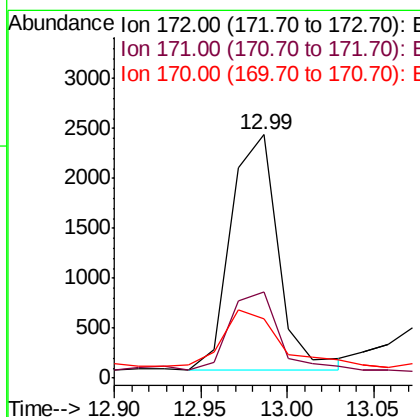
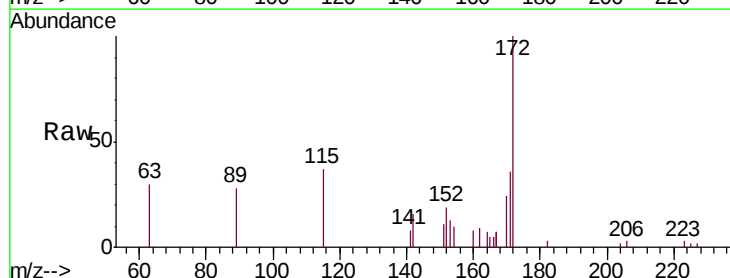
Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-16MSD

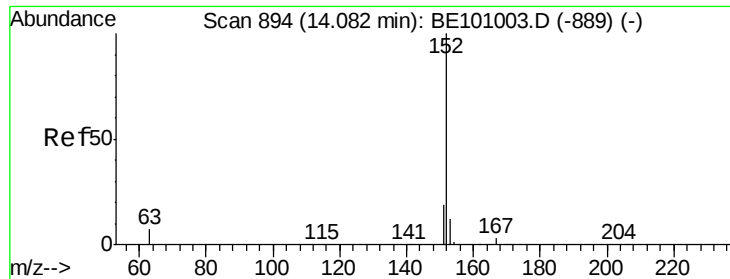
Tgt Ion:330 Resp: 1225
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.4 117.6
 141 117.6 37.0 55.4#



#15
 2-Fluorobiphenyl
 Concen: 0.179 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BE101109.D
 Acq: 21 Jan 2020 14:45

Tgt Ion:172 Resp: 4490
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 24.3 18.9 28.3

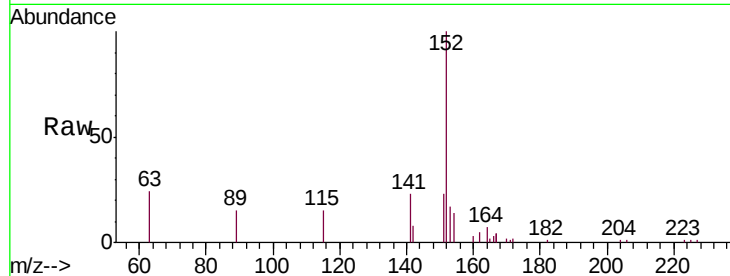




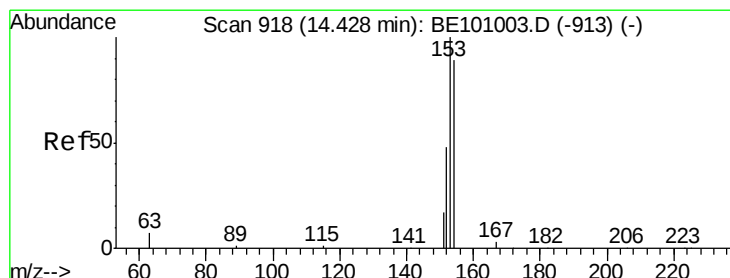
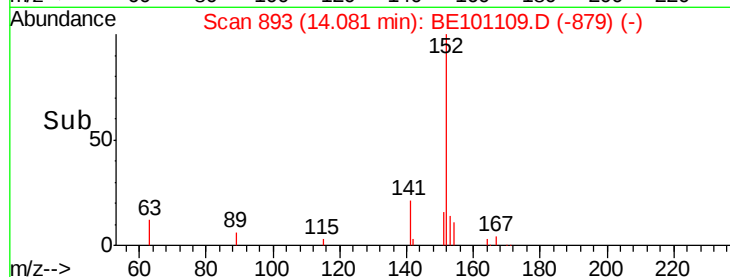
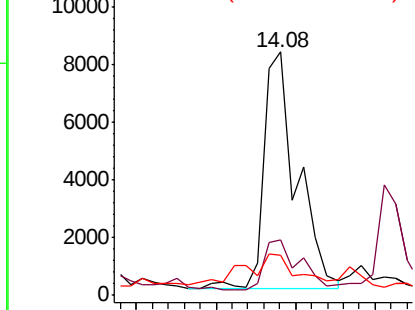
#16
Acenaphthylene
Concen: 0.865 ng
RT: 14.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-16MSD

Tgt Ion:152 Resp: 23309
Ion Ratio Lower Upper
152 100
151 23.0 15.5 23.3
153 20.5 10.4 15.6#

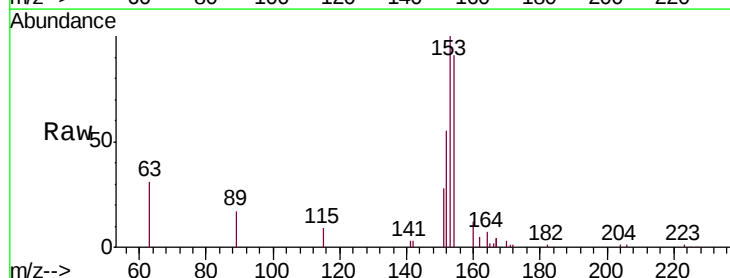


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

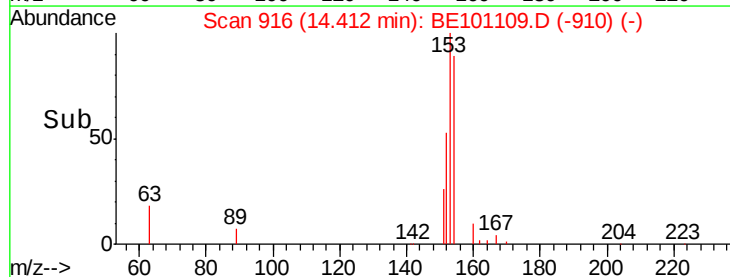
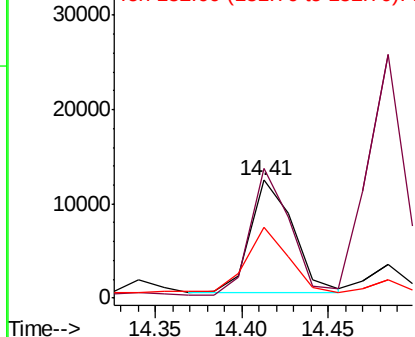


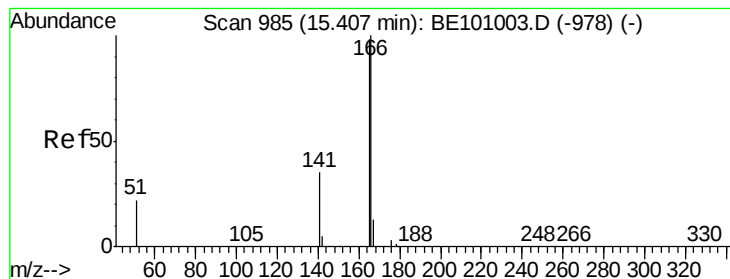
#17
Acenaphthene
Concen: 1.074 ng
RT: 14.41 min Scan# 916
Delta R.T. -0.02 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Tgt Ion:154 Resp: 20712
Ion Ratio Lower Upper
154 100
153 104.5 93.6 140.4
152 57.6 46.3 69.5



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: 3.726 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

Tgt Ion:166 Resp: 90837

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

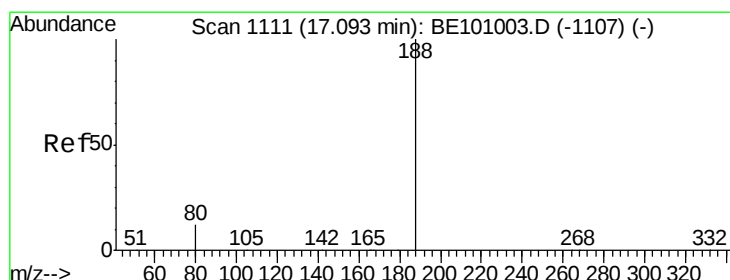
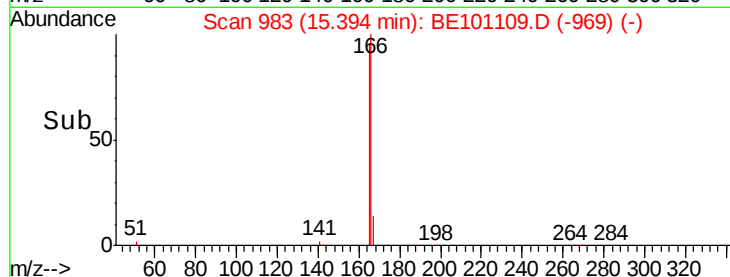
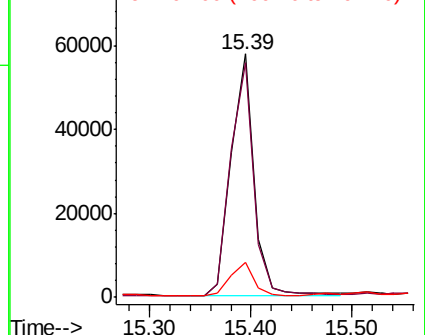
167 14.1 11.0 16.6



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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

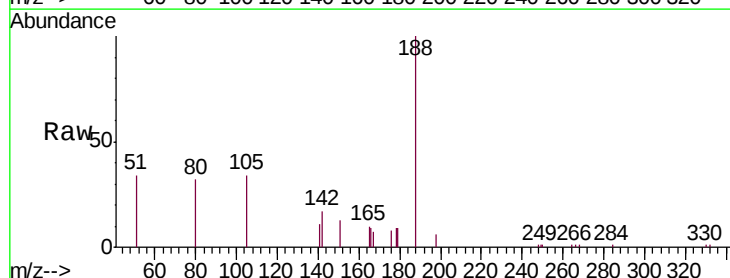
Tgt Ion:188 Resp: 16508

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

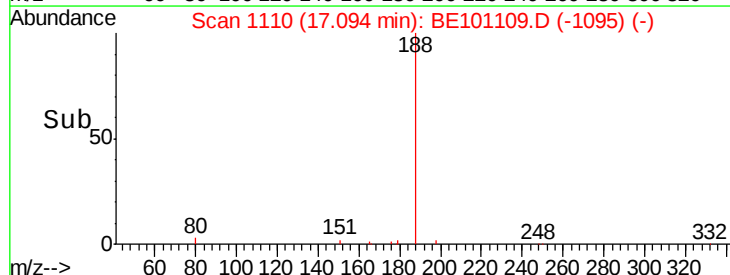
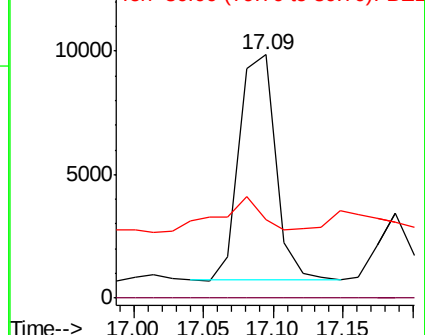
80 32.1 10.8 16.2#

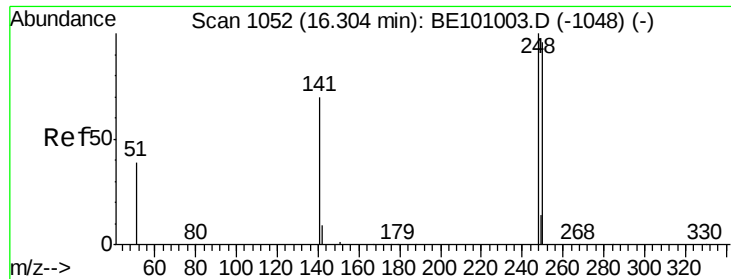


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1

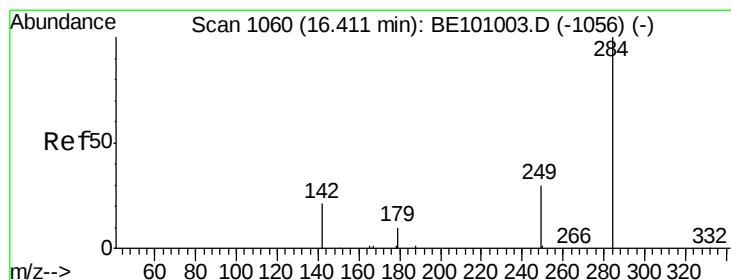
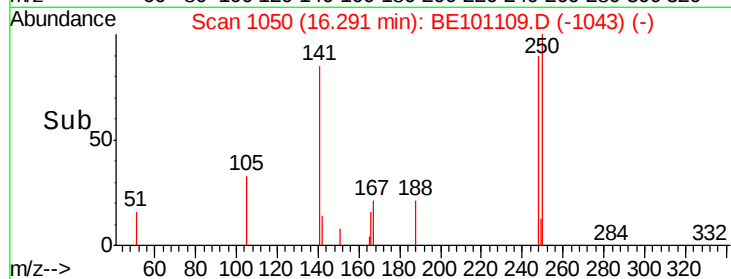
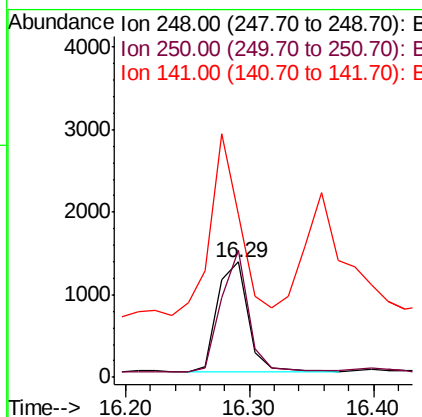
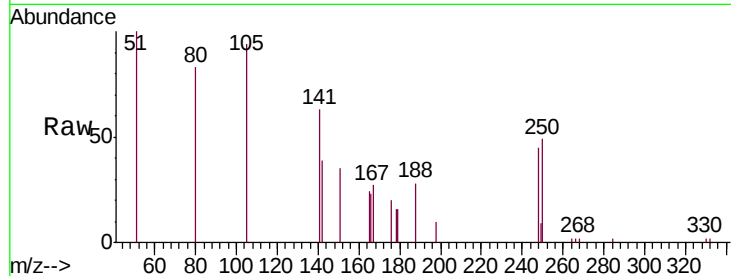




#20
4-Bromophenyl-phenylether
Concen: 0.285 ng
RT: 16.29 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

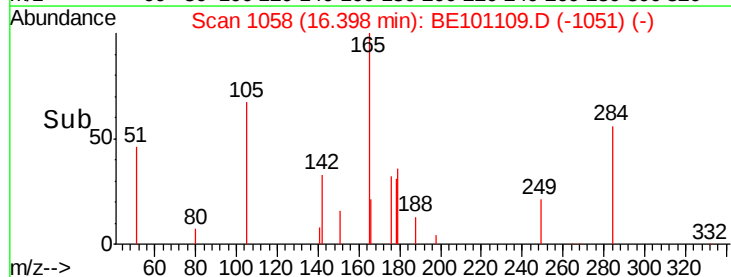
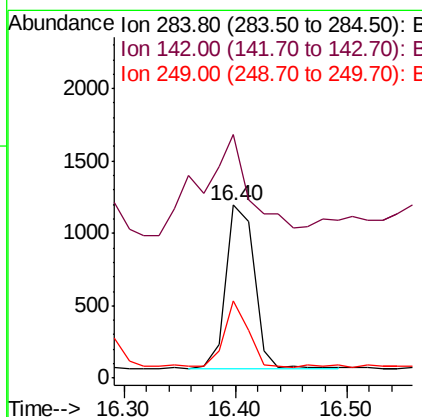
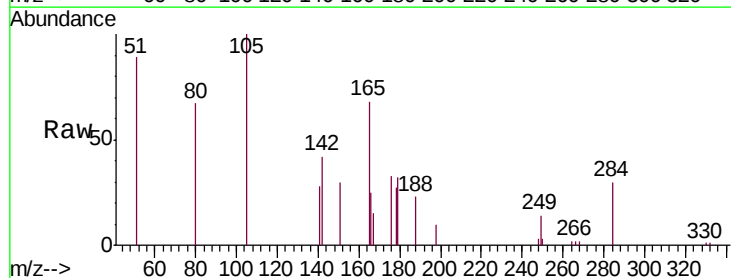
Instrument :
BNA_E
ClientSampleId :
SB-MW-16MSD

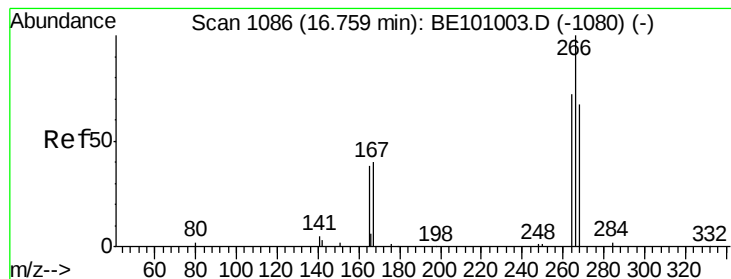
Tgt Ion:248 Resp: 2296
Ion Ratio Lower Upper
248 100
250 110.2 76.6 115.0
141 141.8 57.7 86.5#



#21
Hexachlorobenzene
Concen: 0.224 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Tgt Ion:284 Resp: 1983
Ion Ratio Lower Upper
284 100
142 80.2 34.0 51.0#
249 35.0 28.2 42.4





#22

Pentachlorophenol

Concen: 0.928 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

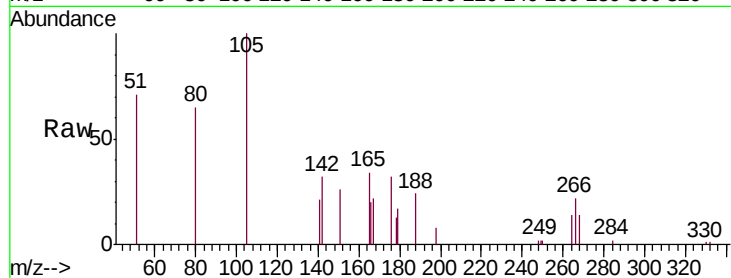
Tgt Ion:266 Resp: 2095

Ion Ratio Lower Upper

266 100

264 62.6 61.0 91.4

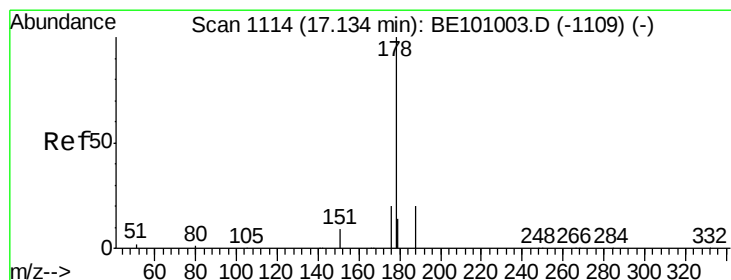
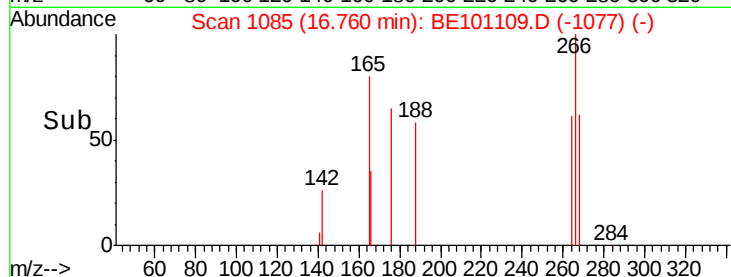
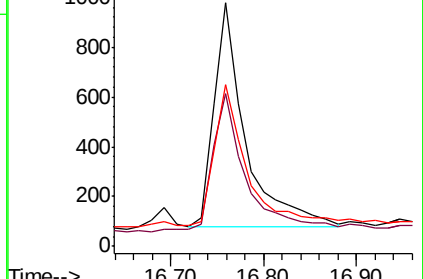
268 66.4 58.5 87.7



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: 2.462 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

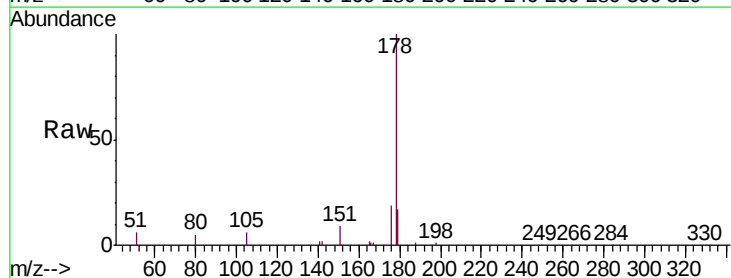
Tgt Ion:178 Resp: 110968

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

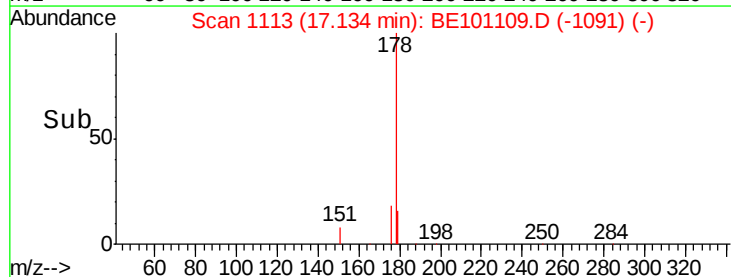
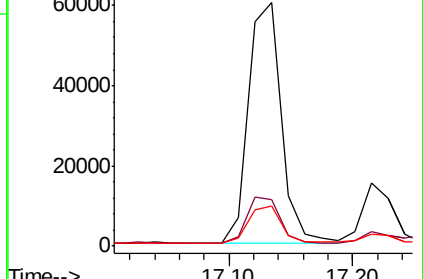
179 16.9 12.0 18.0

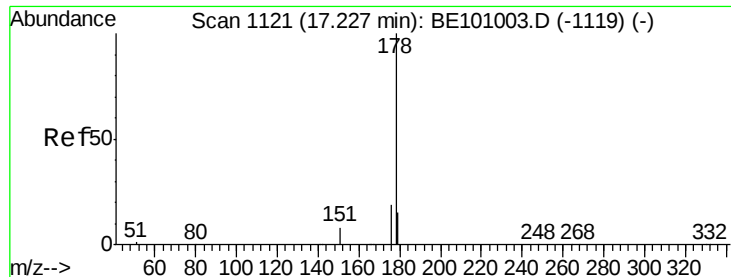


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 2.607 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.09 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

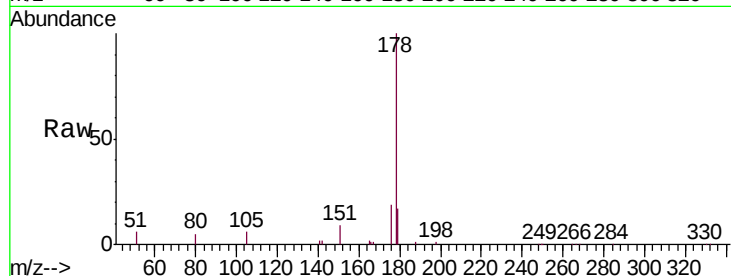
Tgt Ion:178 Resp: 110891

Ion Ratio Lower Upper

178 100

176 19.5 14.8 22.2

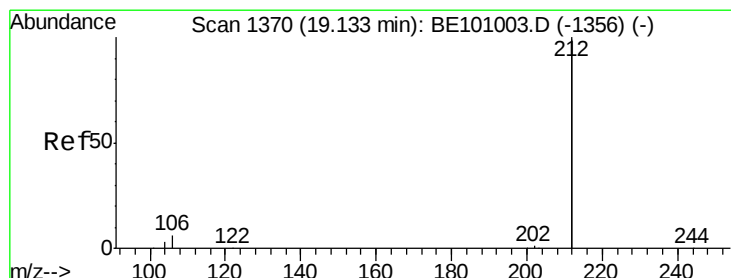
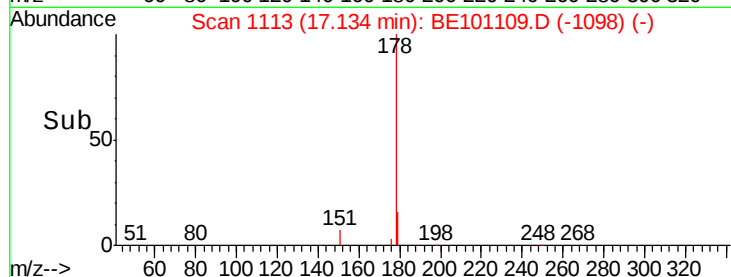
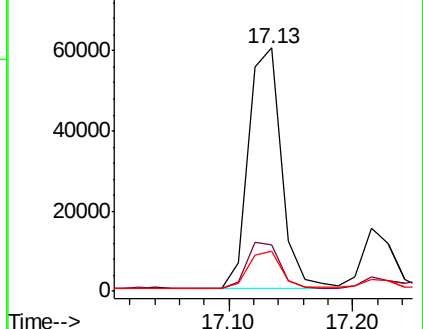
179 16.9 12.4 18.6



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: 0.410 ng

RT: 19.14 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

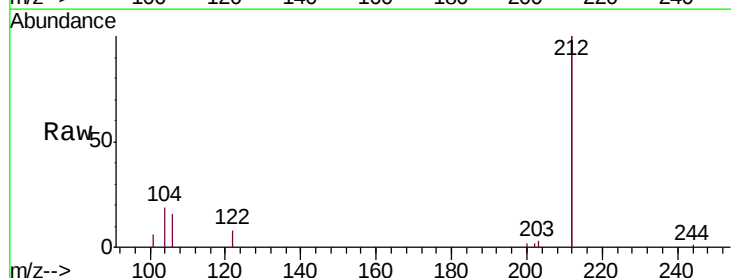
Tgt Ion:212 Resp: 94095

Ion Ratio Lower Upper

212 100

106 4.6 2.6 3.8#

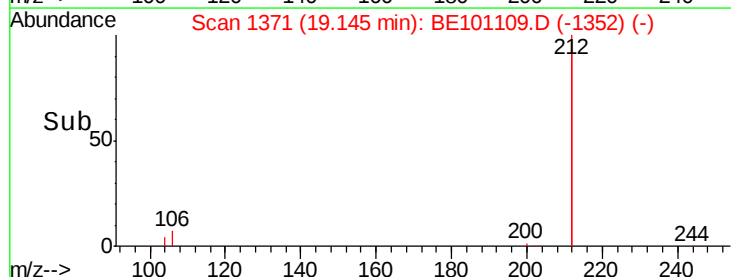
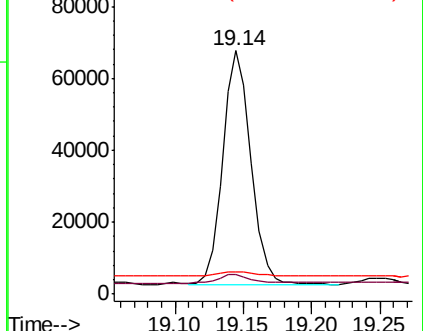
104 3.1 1.4 2.0#

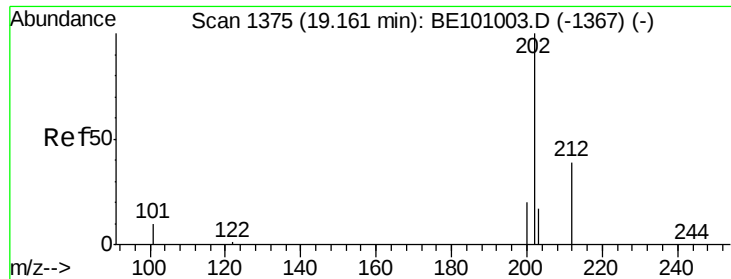


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

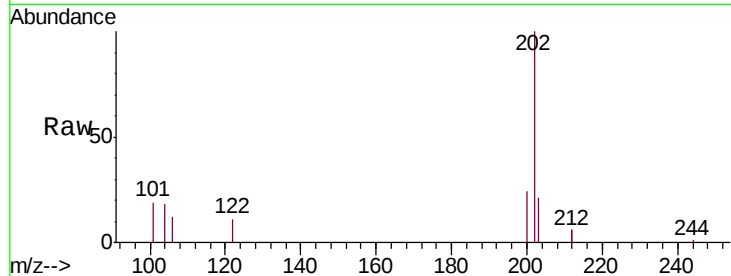




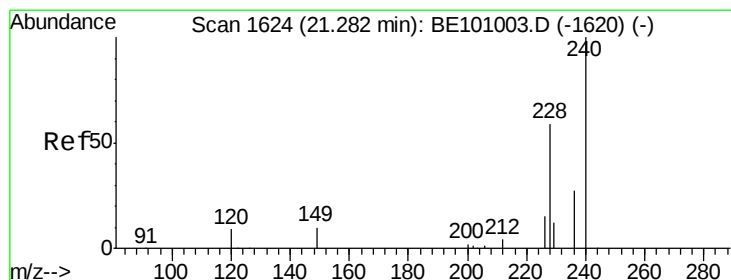
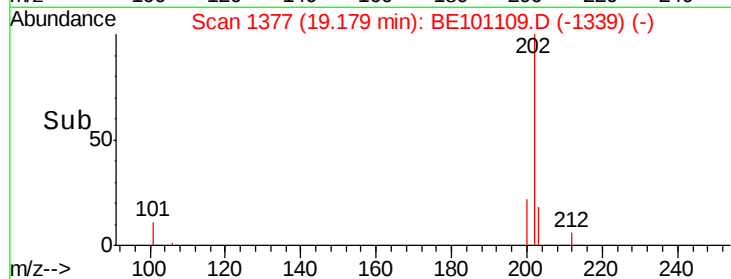
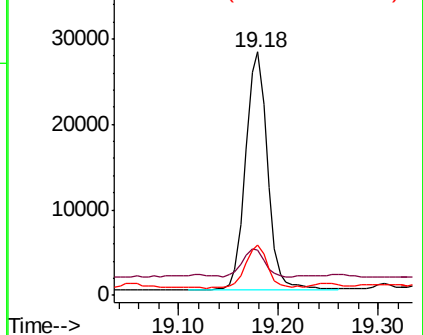
#26
Fluoranthene
Concen: 0.767 ng
RT: 19.18 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Instrument :
BNA_E
ClientSampleId :
SB-MW-16MSD

Tgt Ion: 202 Resp: 43305
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
203 17.9 13.8 20.6

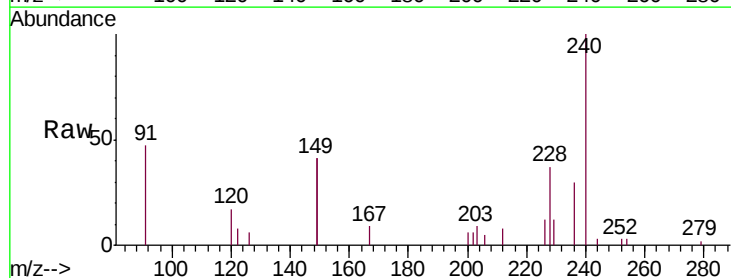


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

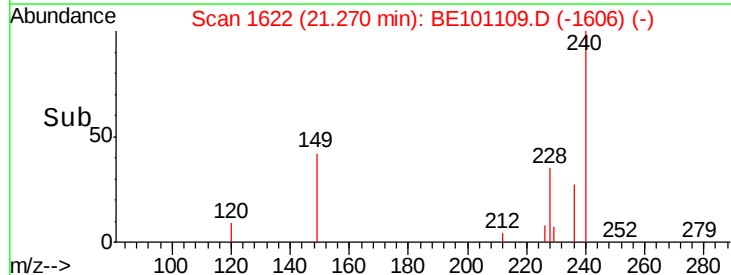
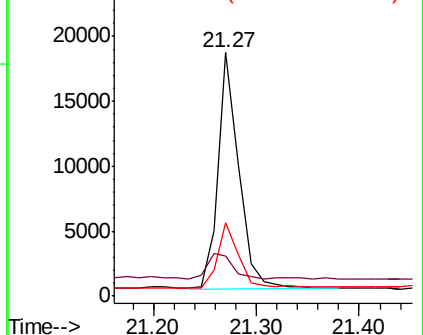


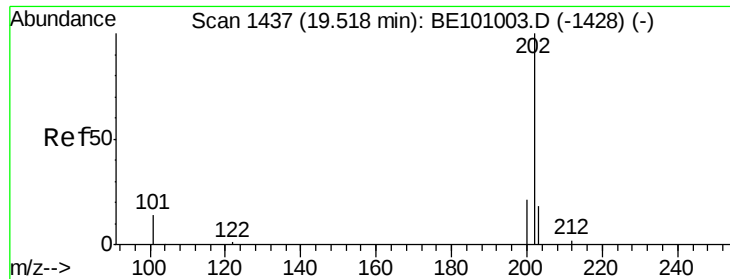
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Tgt Ion: 240 Resp: 25761
Ion Ratio Lower Upper
240 100
120 16.7 8.6 13.0#
236 30.3 22.2 33.4



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: 0.428 ng

RT: 19.52 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

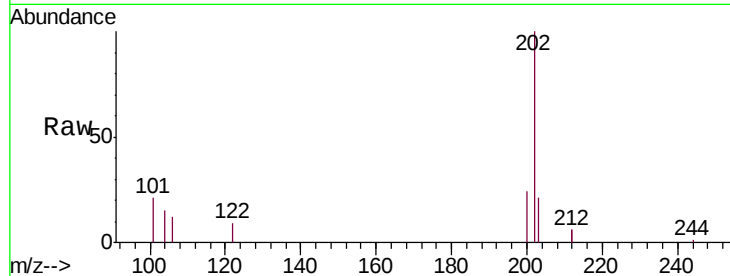
Tgt Ion:202 Resp: 41026

Ion Ratio Lower Upper

202 100

200 23.5 17.0 25.4

203 19.4 13.8 20.6

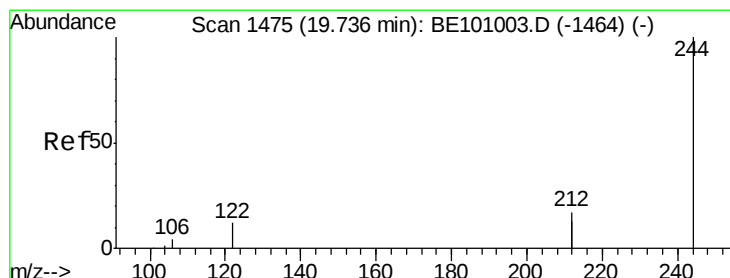
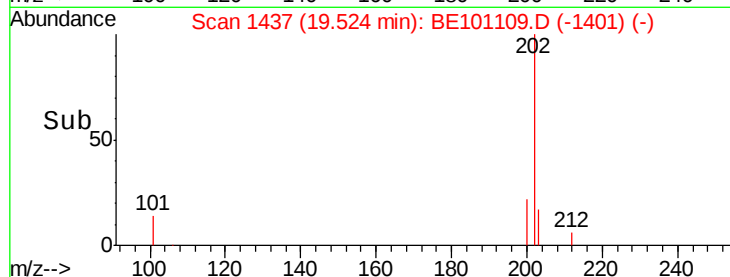
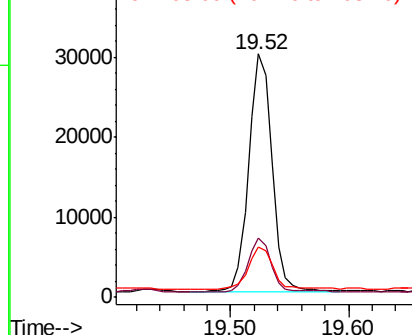


Abundance

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: 0.359 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

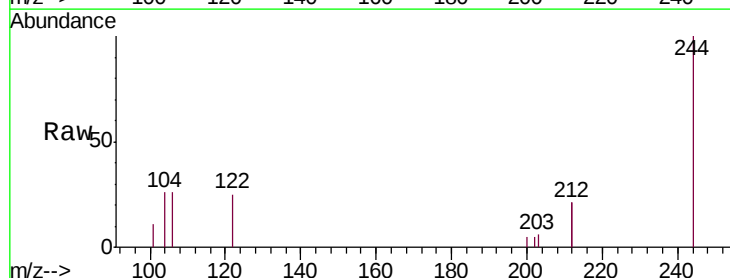
Tgt Ion:244 Resp: 22678

Ion Ratio Lower Upper

244 100

212 42.4 27.2 40.8#

122 25.3 9.8 14.8#

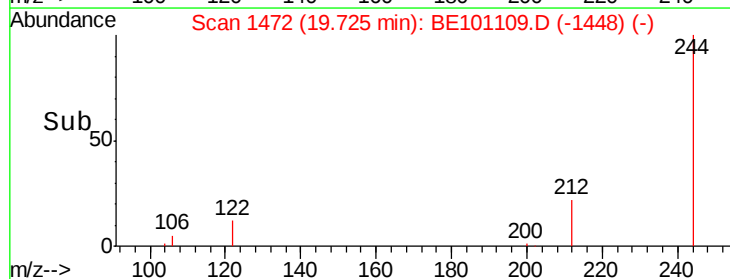
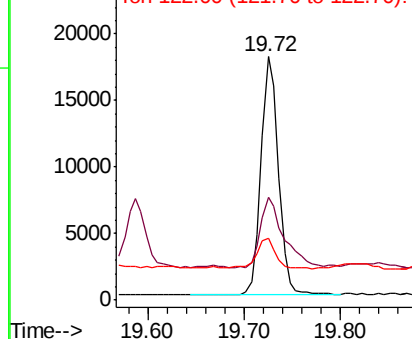


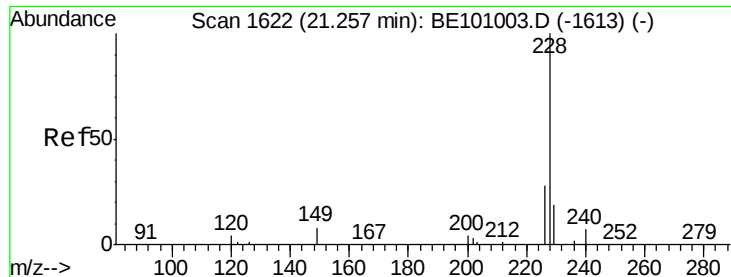
Abundance

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: 0.443 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

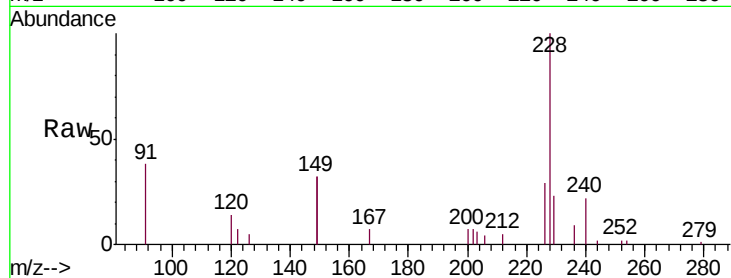
Tgt Ion:228 Resp: 32550

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

229 23.0 15.5 23.3

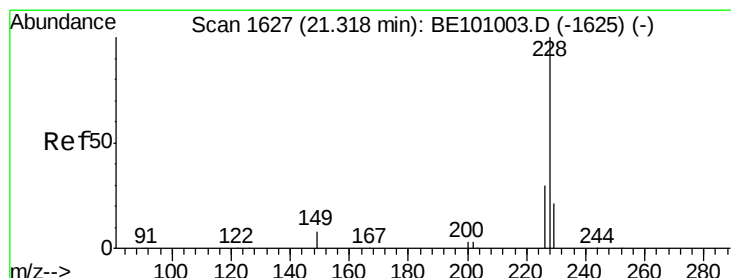
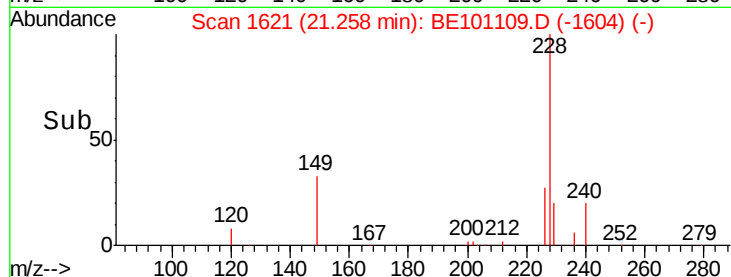
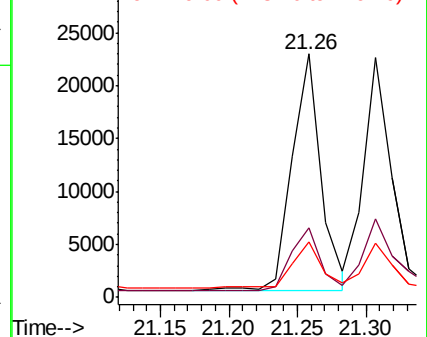


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.288 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

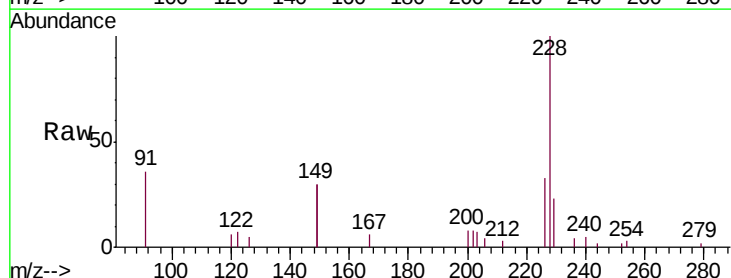
Tgt Ion:228 Resp: 31454

Ion Ratio Lower Upper

228 100

226 32.6 23.5 35.3

229 22.6 16.7 25.1

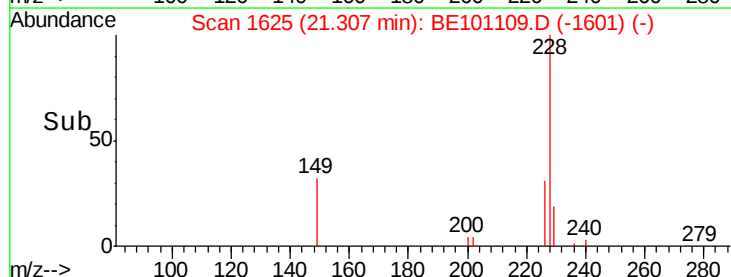
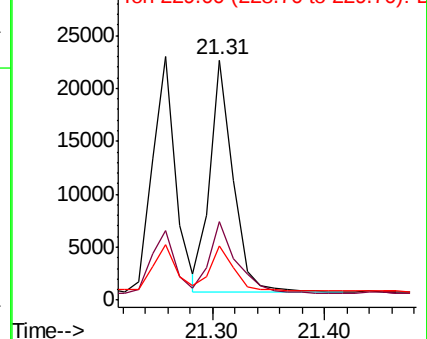


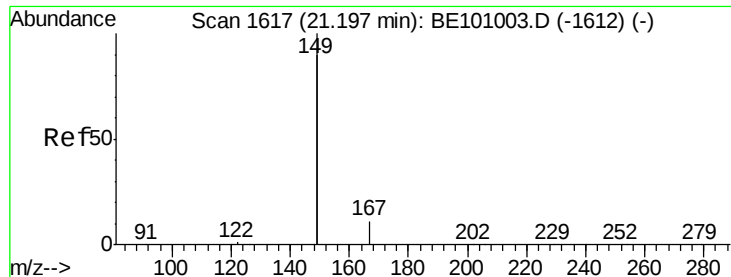
Abundance

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

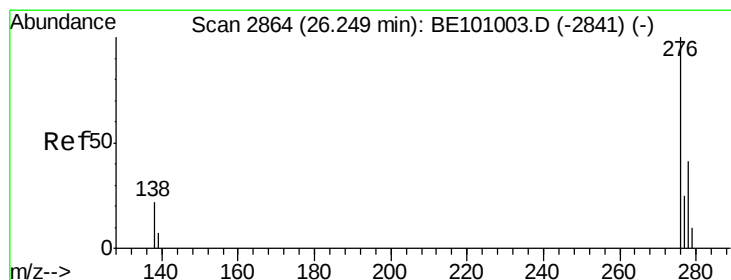
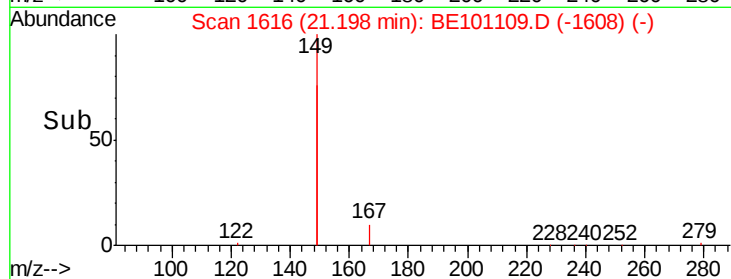
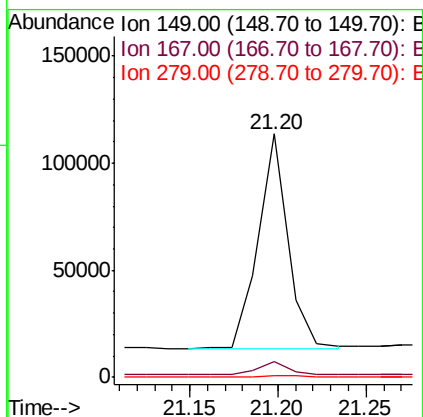
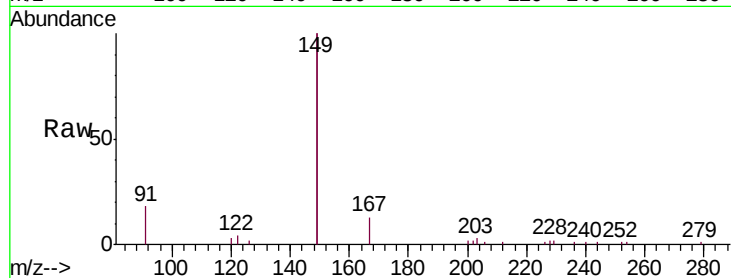




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.954 ng
 RT: 21.20 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BE101109.D
 Acq: 21 Jan 2020 14:45

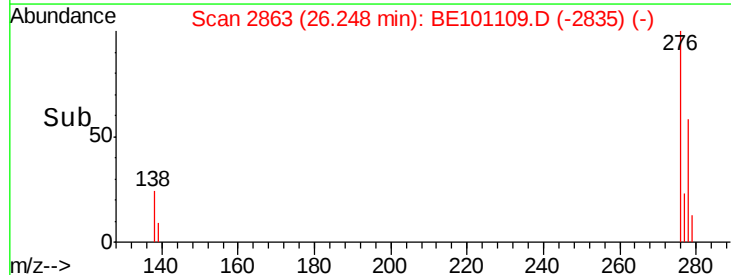
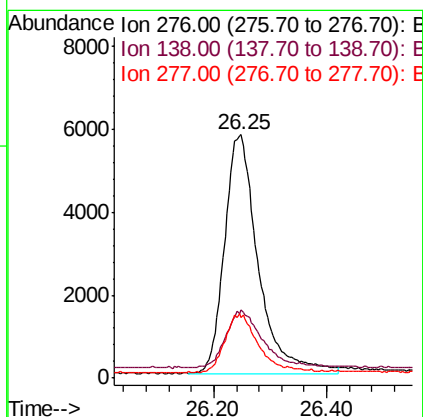
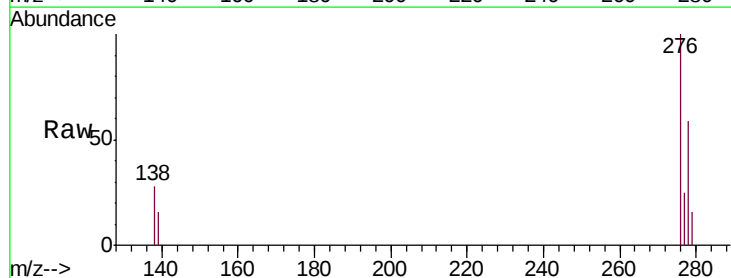
Instrument :
 BNA_E
 ClientSampleId :
 SB-MW-16MSD

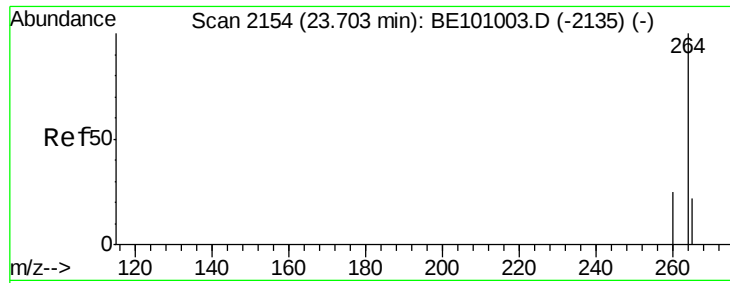
Tgt Ion:149 Resp: 116908
 Ion Ratio Lower Upper
 149 100
 167 5.6 5.2 7.8
 279 0.7 0.8 1.2#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.276 ng
 RT: 26.25 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: BE101109.D
 Acq: 21 Jan 2020 14:45

Tgt Ion:276 Resp: 23814
 Ion Ratio Lower Upper
 276 100
 138 26.0 16.1 24.1#
 277 23.8 18.1 27.1





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

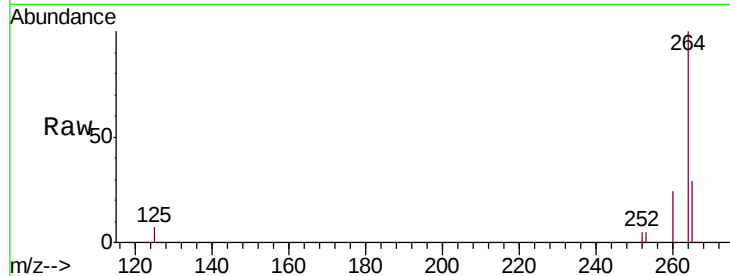
Tgt Ion:264 Resp: 26676

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

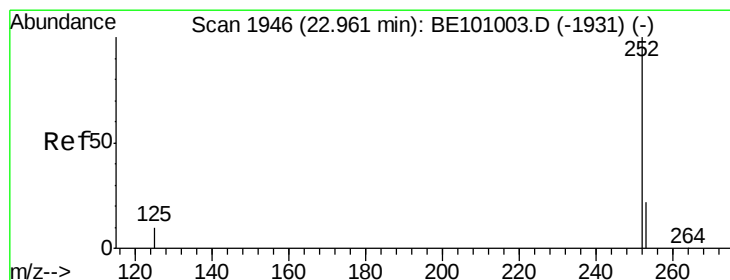
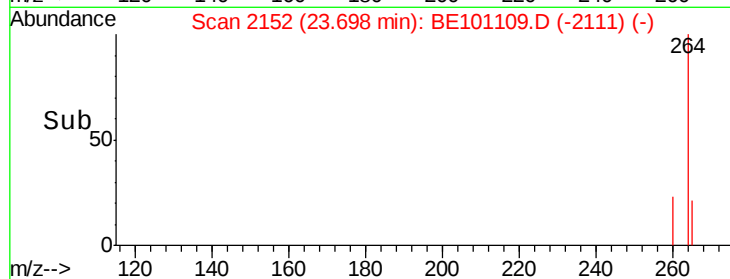
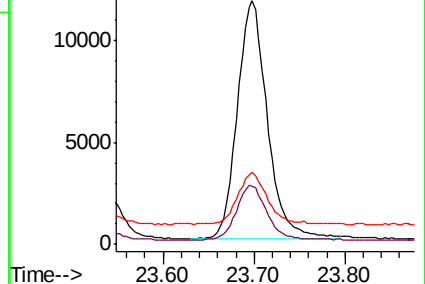
265 29.4 27.0 40.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 22.95 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

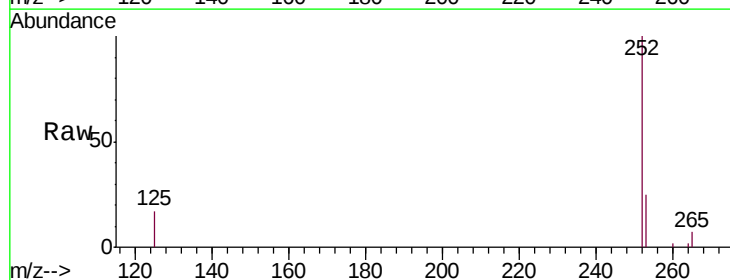
Tgt Ion:252 Resp: 27742

Ion Ratio Lower Upper

252 100

253 25.2 18.5 27.7

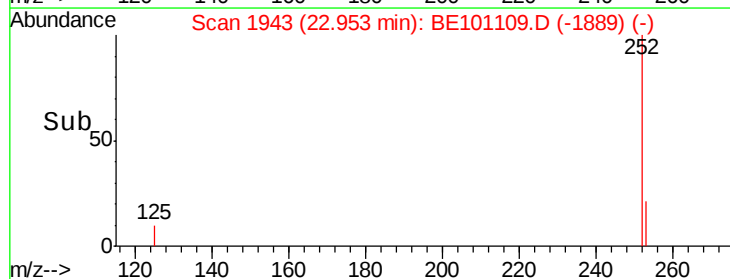
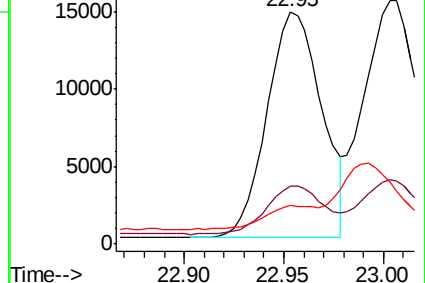
125 16.6 9.5 14.3#

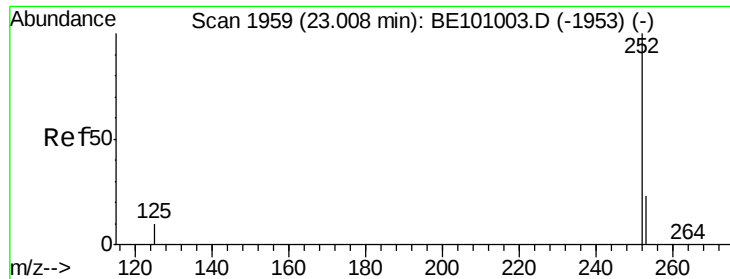


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

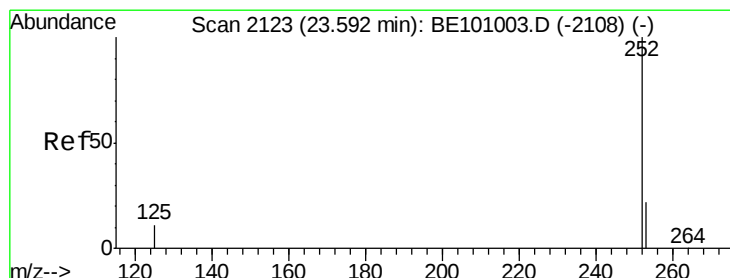
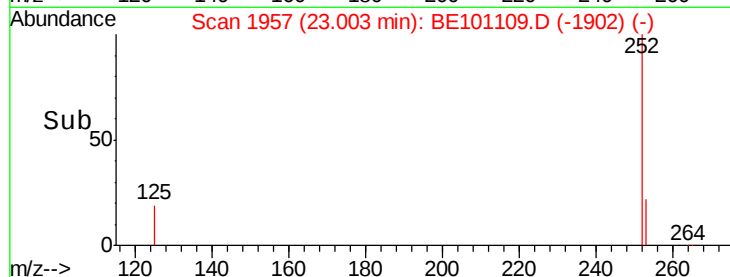
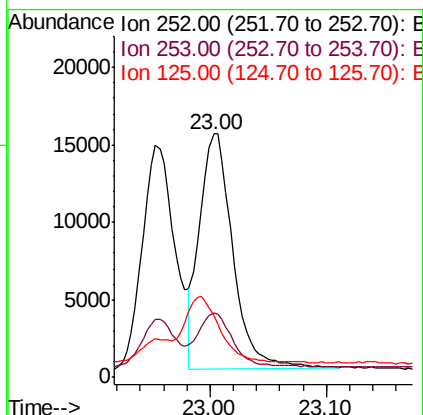
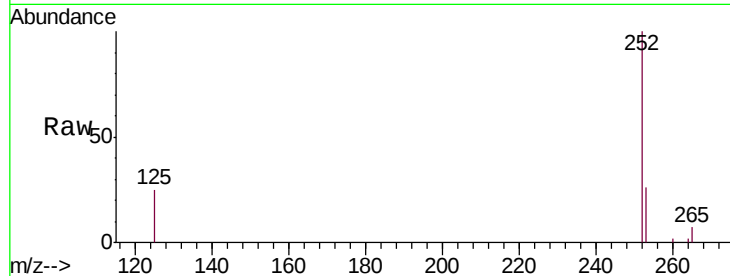




#36
Benzo(k)fluoranthene
Concen: 0.279 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

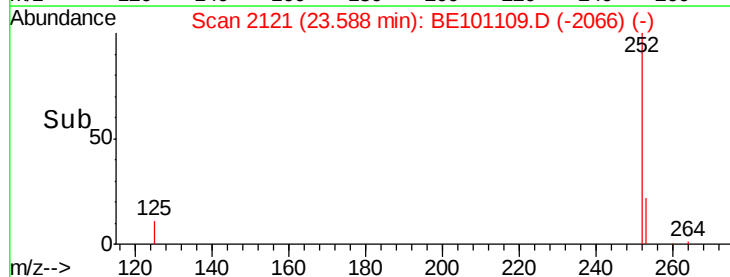
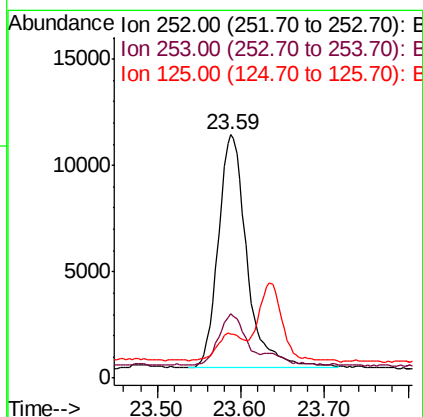
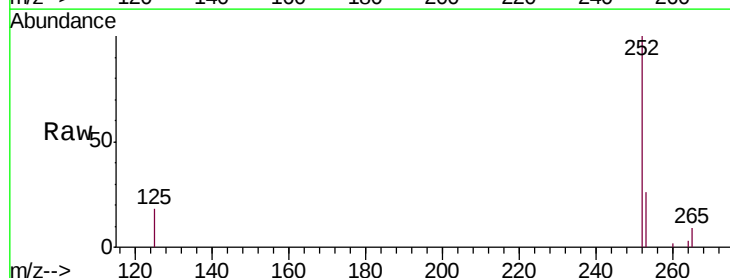
Instrument :
BNA_E
ClientSampleId :
SB-MW-16MSD

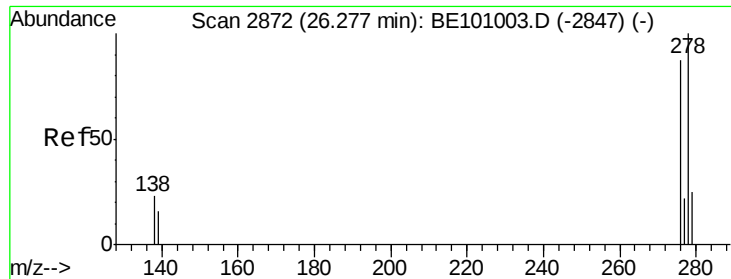
Tgt Ion:252 Resp: 30251
Ion Ratio Lower Upper
252 100
253 26.4 18.9 28.3
125 25.3 10.1 15.1#



#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.59 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BE101109.D
Acq: 21 Jan 2020 14:45

Tgt Ion:252 Resp: 26238
Ion Ratio Lower Upper
252 100
253 26.3 19.4 29.2
125 18.2 11.8 17.6#





#38

Dibenzo(a,h)anthracene

Concen: 0.284 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Instrument :

BNA_E

ClientSampleId :

SB-MW-16MSD

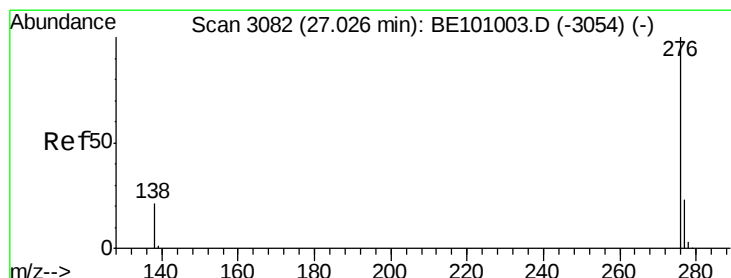
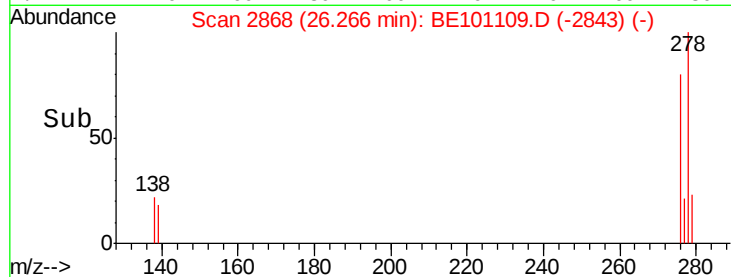
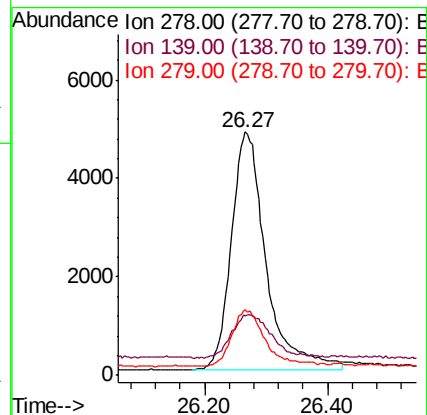
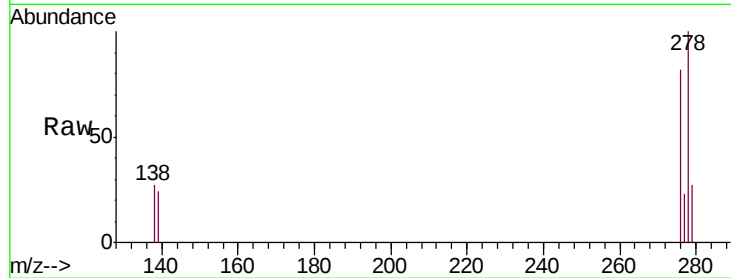
Tgt Ion:278 Resp: 18887

Ion Ratio Lower Upper

278 100

139 24.5 15.0 22.4#

279 26.7 22.6 33.8



#39

Benzo(g,h,i)perylene

Concen: 0.246 ng

RT: 27.02 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BE101109.D

Acq: 21 Jan 2020 14:45

Tgt Ion:276 Resp: 20150

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.2

138 25.4 17.9 26.9

