

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011420\
 Data File : BE101047.D
 Acq On : 14 Jan 2020 9:37
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

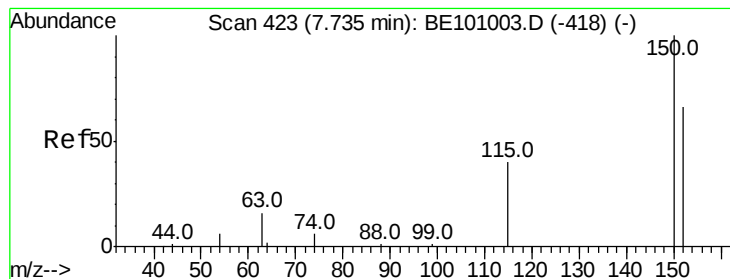
Quant Time: Jan 14 20:41:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3161	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	14841	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9182	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19776	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14691	0.40	ng	-0.01
34) Perylene-d12	23.70	264	16664	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	2024	0.28	ng	0.00
5) Phenol-d6	6.92	99	2649	0.29	ng	0.00
8) Nitrobenzene-d5	8.89	82	2871	0.27	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	11675	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	583	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	14343	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	98324	0.36	ng	0.00
29) Terphenyl-d14	19.74	244	15447	0.43	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	2605	0.315	ng	91
3) n-Nitrosodimethylamine	3.62	42	921	0.210	ng	# 84
6) bis(2-Chloroethyl)ether	7.17	93	2907	0.271	ng	# 77
9) Naphthalene	10.55	128	67577	0.410	ng	100
10) Hexachlorobutadiene	10.85	225	2994	0.429	ng	98
12) 2-Methylnaphthalene	12.18	142	9879	0.396	ng	97
16) Acenaphthylene	14.08	152	11794	0.315	ng	99
17) Acenaphthene	14.41	154	10553	0.394	ng	99
18) Fluorene	15.39	166	13004	0.384	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	3563	0.369	ng	99
21) Hexachlorobenzene	16.41	284	4489	0.424	ng	98
22) Pentachlorophenol	16.76	266	493	0.383	ng	91
23) Phenanthrene	17.13	178	21218	0.393	ng	99
24) Anthracene	17.23	178	18564	0.364	ng	98
26) Fluoranthene	19.16	202	24272	0.359	ng	99
28) Pyrene	19.52	202	23875	0.437	ng	100
30) Benzo(a)anthracene	21.26	228	12865	0.307	ng	100
31) Chrysene	21.31	228	27964	0.449	ng	98
32) Bis(2-ethylhexyl)phthalate	21.20	149	19086	0.273	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.23	276	20121	0.409	ng	96
35) Benzo(b)fluoranthene	22.95	252	15330	0.328	ng	99
36) Benzo(k)fluoranthene	23.00	252	25794	0.381	ng	98
37) Benzo(a)pyrene	23.59	252	16449	0.364	ng	99
38) Dibenzo(a,h)anthracene	26.27	278	14705	0.354	ng	98
39) Benzo(g,h,i)perylene	27.01	276	19484	0.381	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

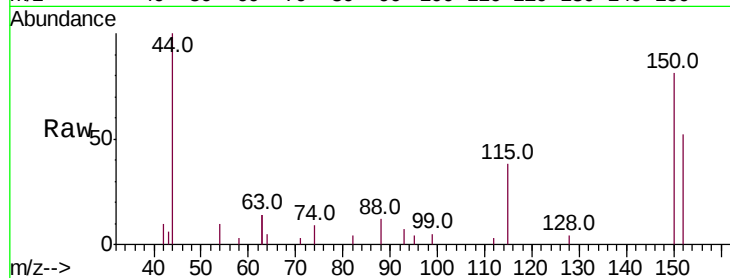
Tot Ion:152 Resp: 3161

Ion Ratio Lower Upper

152 100

150 155.4 120.3 180.5

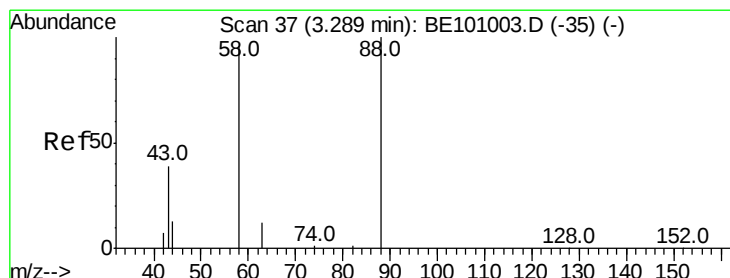
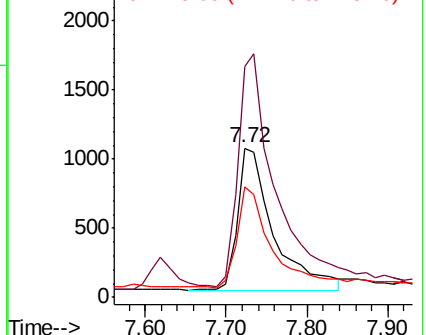
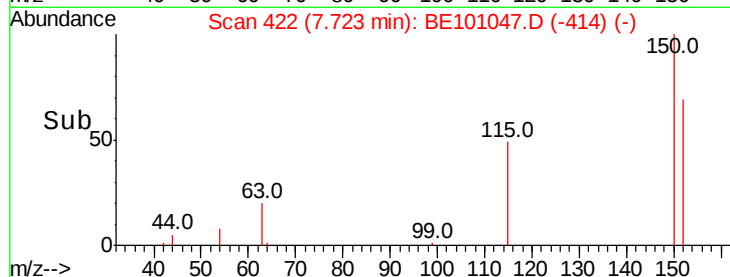
115 73.9 51.7 77.5



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: 0.315 ng

RT: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

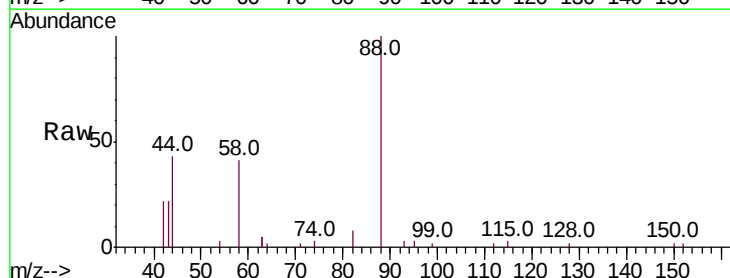
Tgt Ion: 88 Resp: 2605

Ion Ratio Lower Upper

88 100

58 75.4 53.0 79.4

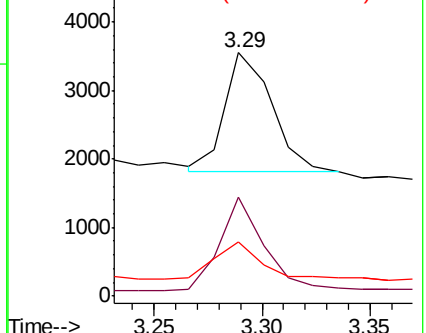
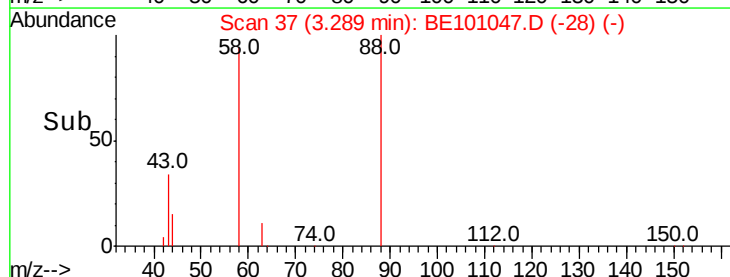
43 30.6 23.4 35.2

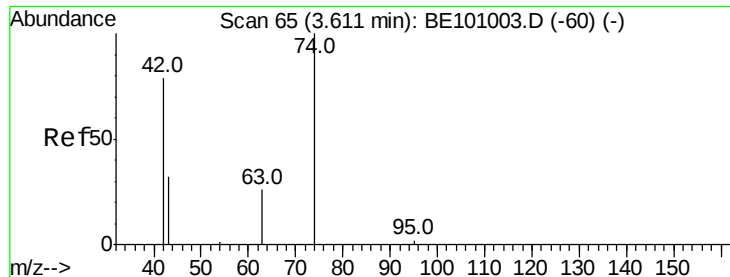


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.210 ng

RT: 3.62 min Scan# 66

Delta R.T. 0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

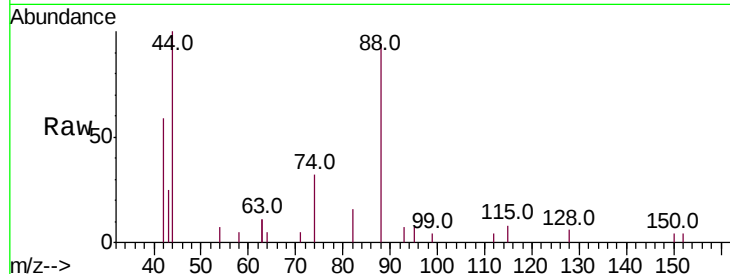
Tot Ion: 42 Resp: 921

Ion Ratio Lower Upper

42 100

74 114.8 105.7 158.5

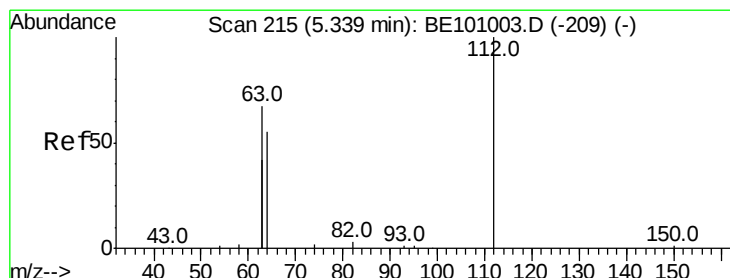
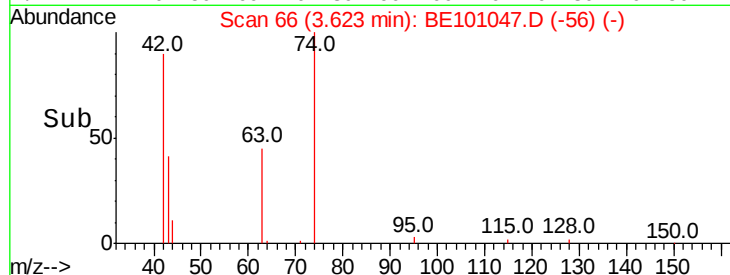
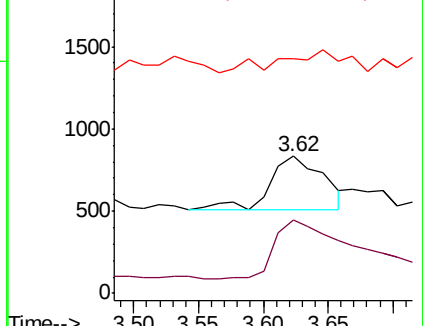
44 0.0 10.0 15.0#



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: 0.284 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

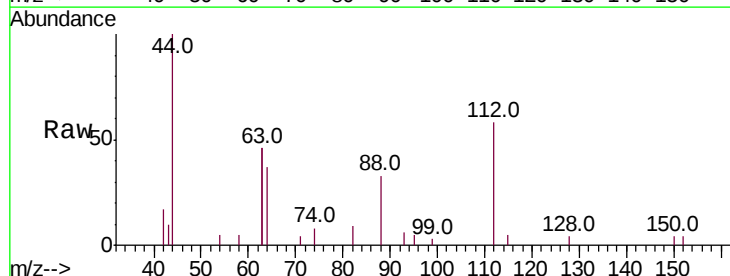
Tgt Ion: 112 Resp: 2024

Ion Ratio Lower Upper

112 100

64 69.8 53.6 80.4

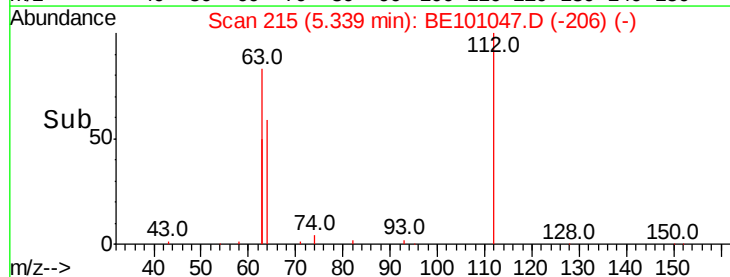
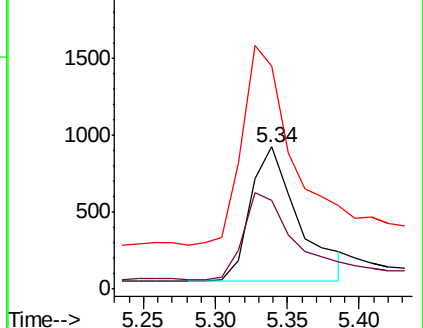
63 156.0 114.6 172.0

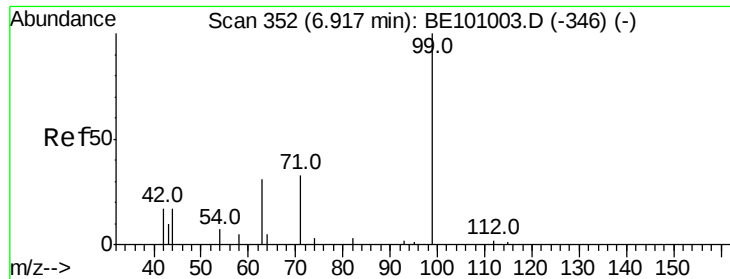


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.294 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

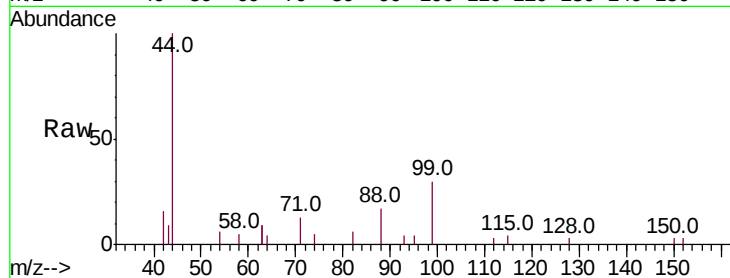
Tot Ion: 99 Resp: 2649

Ion Ratio Lower Upper

99 100

42 26.7 18.3 27.5

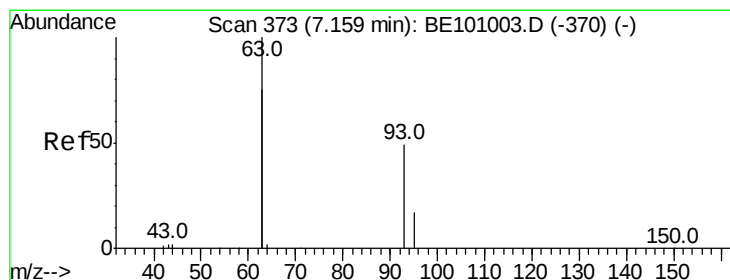
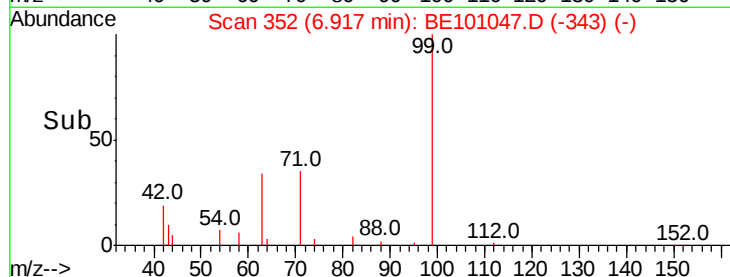
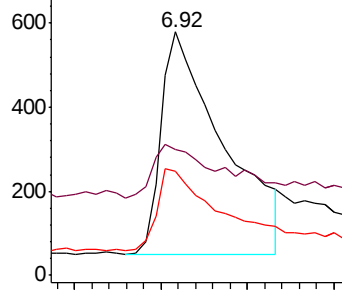
71 36.6 28.0 42.0



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: 0.271 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

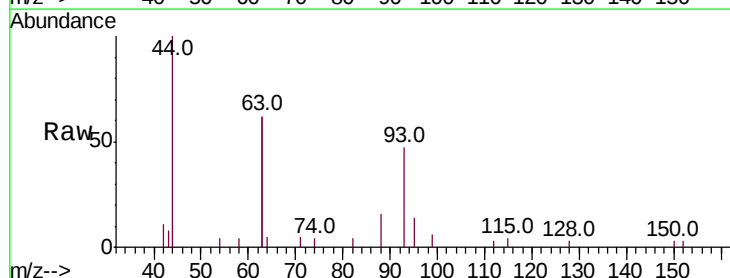
Tgt Ion: 93 Resp: 2907

Ion Ratio Lower Upper

93 100

63 338.1 233.9 350.9

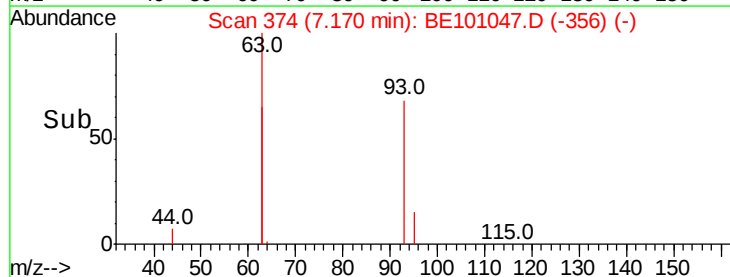
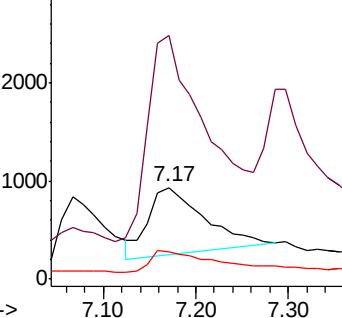
95 37.5 23.5 35.3#

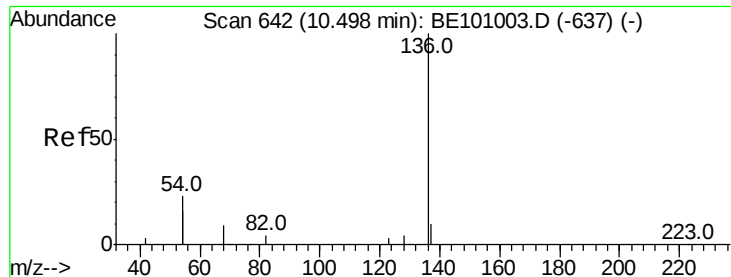


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 14841

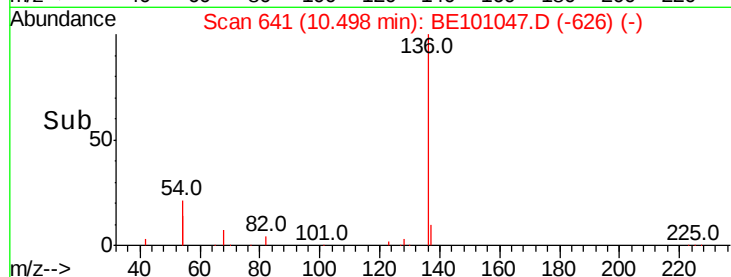
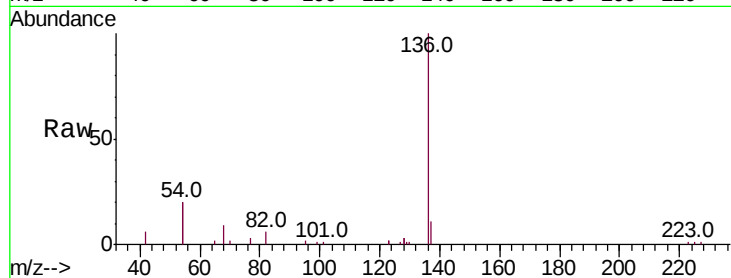
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 40.6 36.8 55.2

68 8.6 8.4 12.6

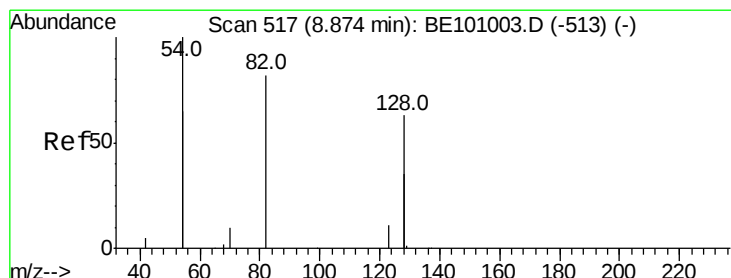
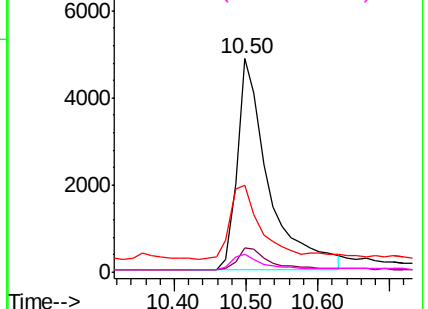


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.270 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

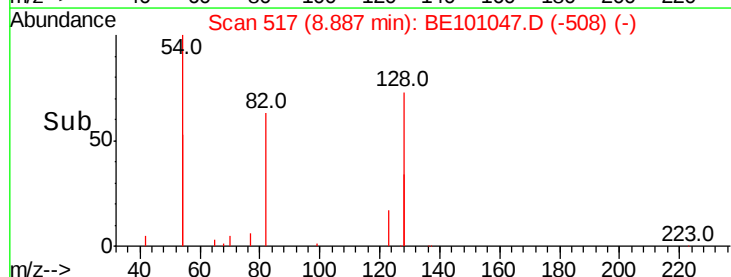
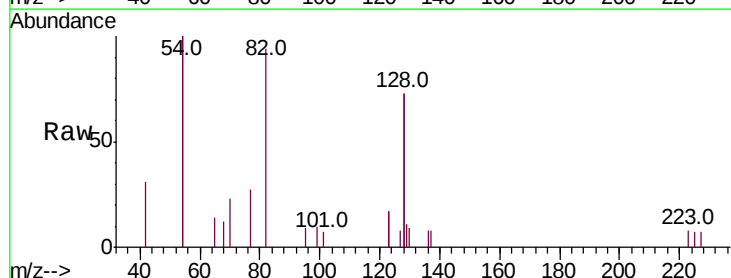
Tgt Ion: 82 Resp: 2871

Ion Ratio Lower Upper

82 100

128 156.1 109.8 164.6

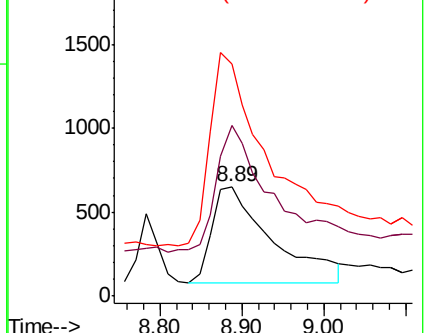
54 212.6 174.5 261.7

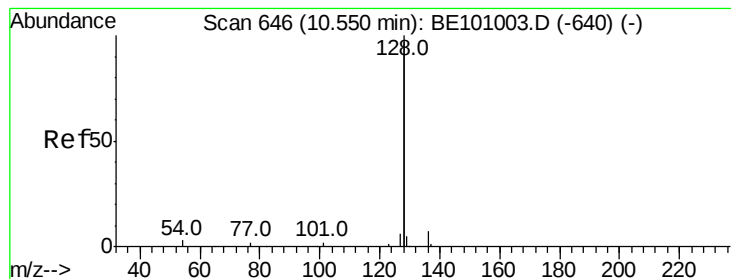


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.410 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

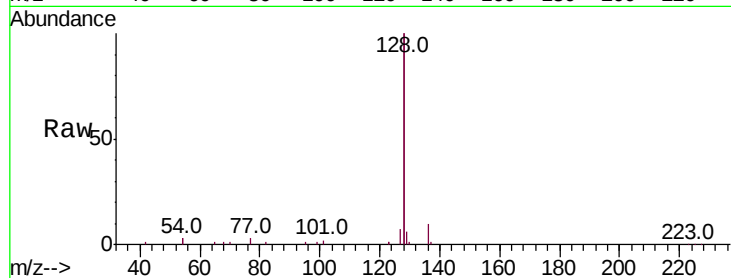
Tot Ion:128 Resp: 67577

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

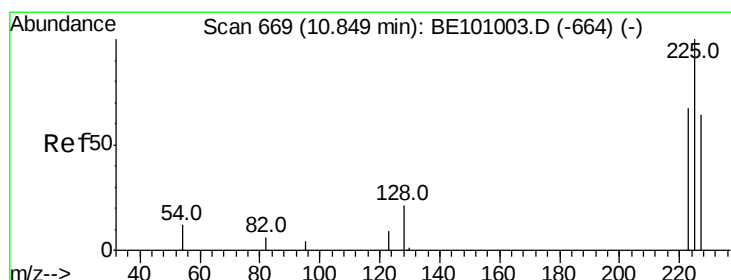
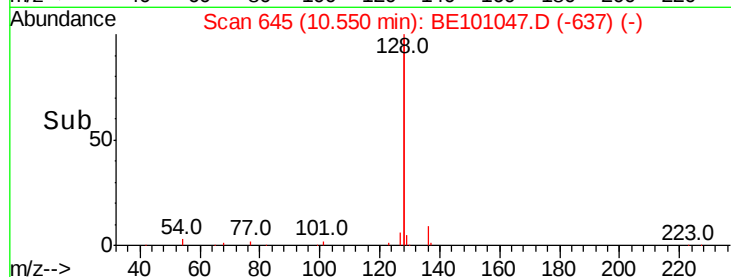
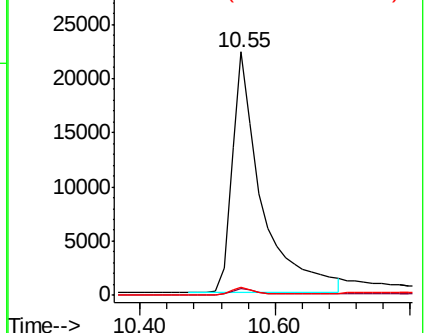
127 3.4 2.7 4.1



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: 0.429 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

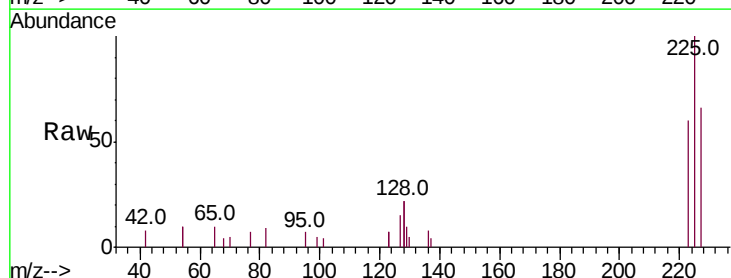
Tgt Ion:225 Resp: 2994

Ion Ratio Lower Upper

225 100

223 63.6 52.2 78.4

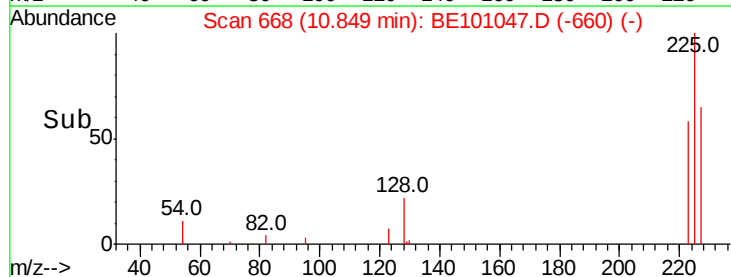
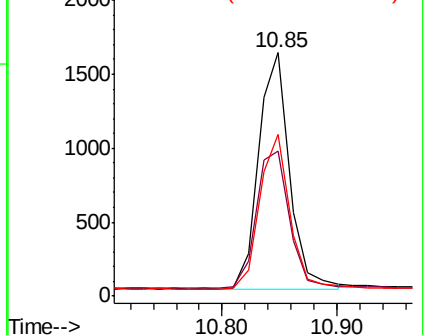
227 63.9 49.9 74.9

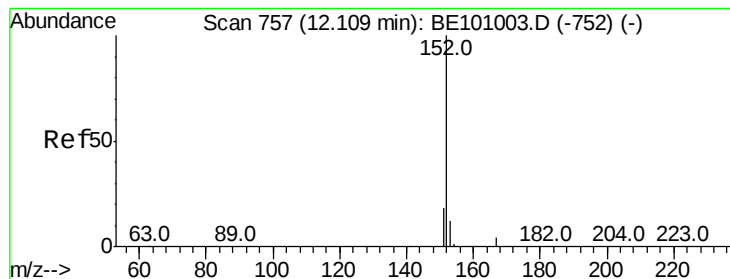


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.412 ng

RT: 12.11 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

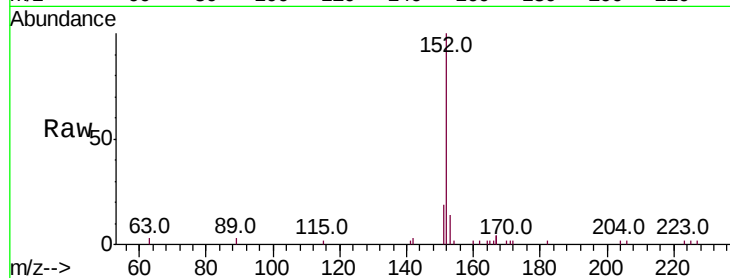
ClientSampleId :

Tot Ion:152 Resp: 11675

Ion Ratio Lower Upper

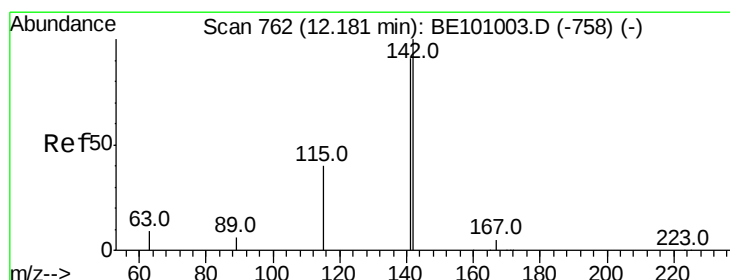
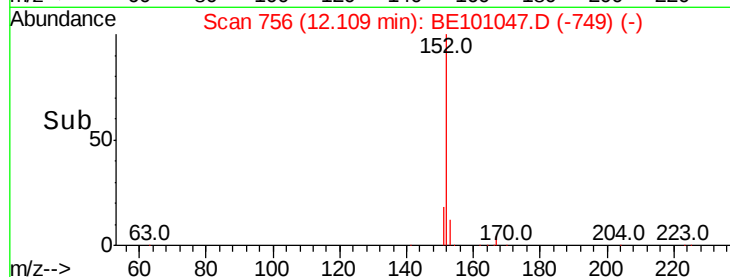
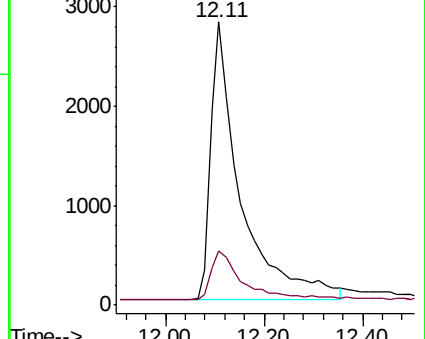
152 100

151 19.0 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: 0.396 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

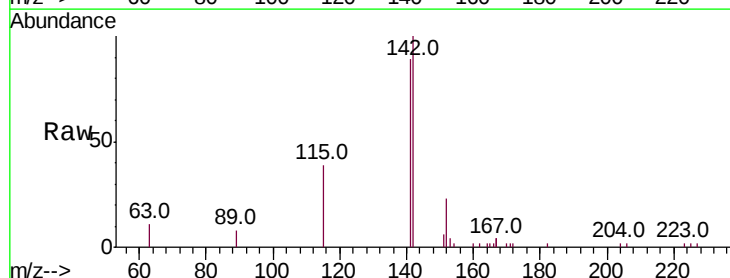
Tgt Ion:142 Resp: 9879

Ion Ratio Lower Upper

142 100

141 88.6 72.5 108.7

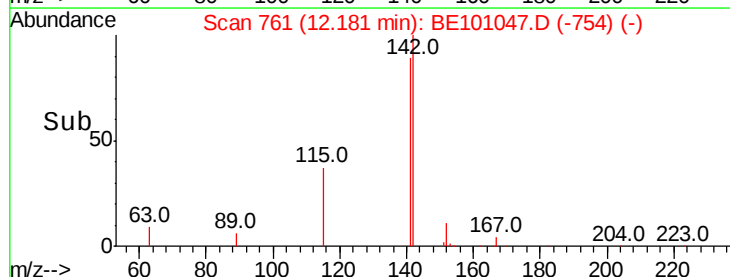
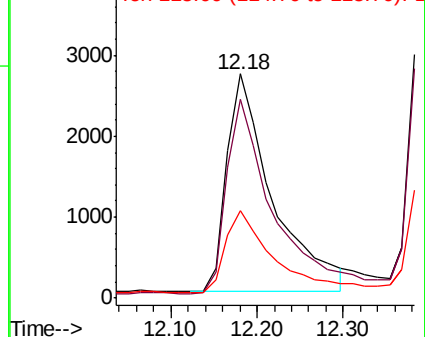
115 38.9 33.0 49.6

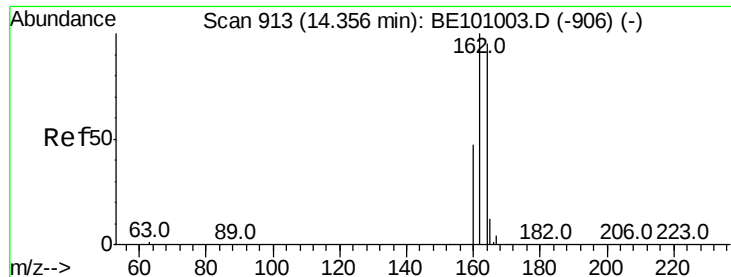


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

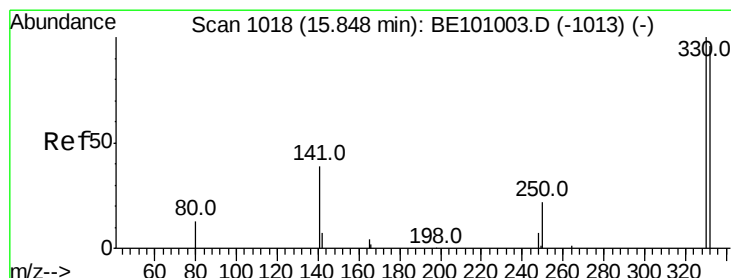
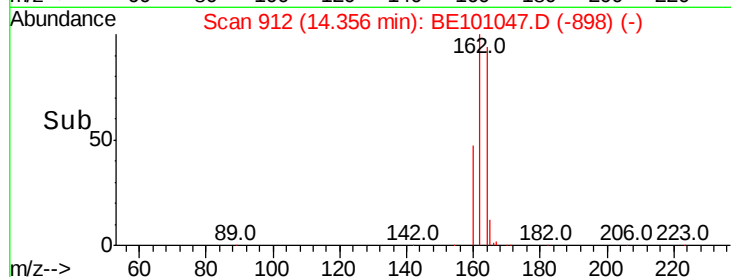
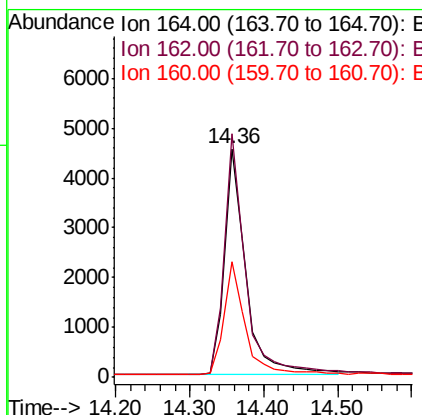
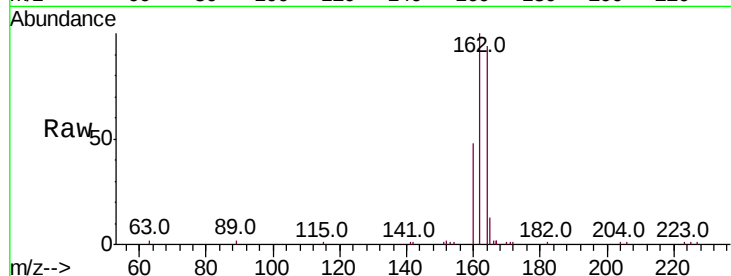




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101047.D
Acq: 14 Jan 2020 9:37

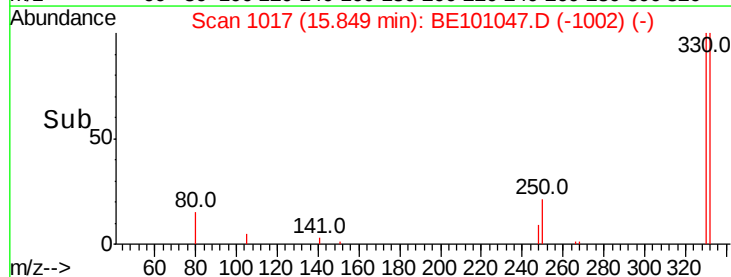
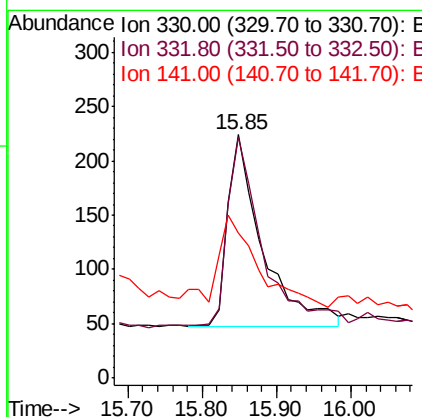
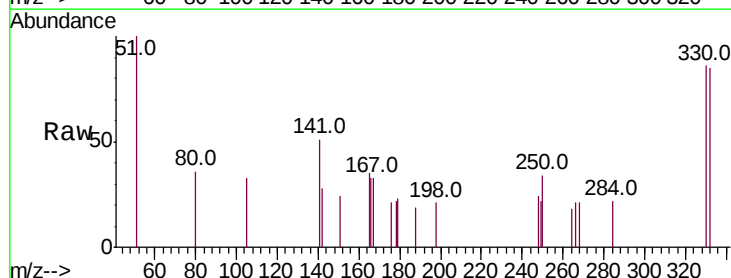
Instrument :
BNA_E
ClientSampleId :

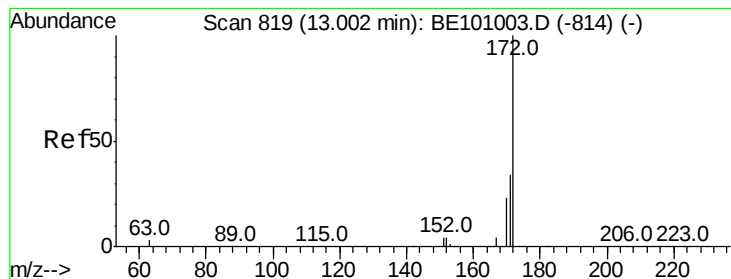
Tot Ion:164 Resp: 9182
Ion Ratio Lower Upper
164 100
162 106.6 84.1 126.1
160 50.7 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101047.D
Acq: 14 Jan 2020 9:37

Tgt Ion:330 Resp: 583
Ion Ratio Lower Upper
330 100
332 103.9 78.4 117.6
141 57.3 37.0 55.4#

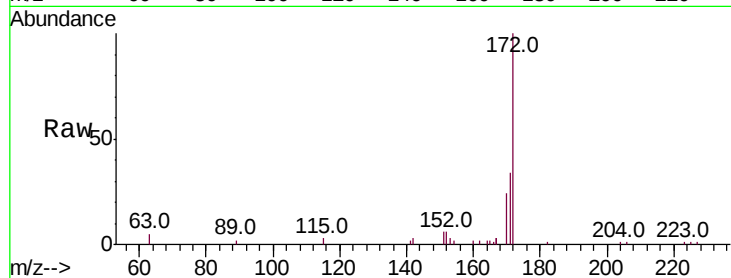




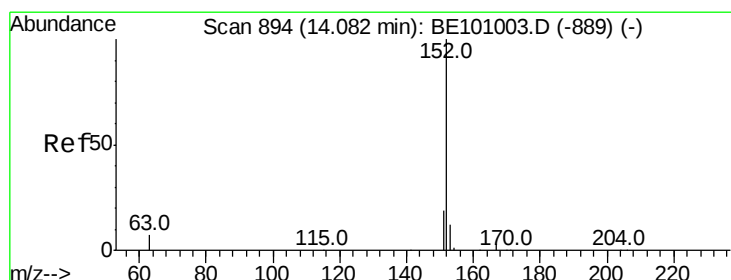
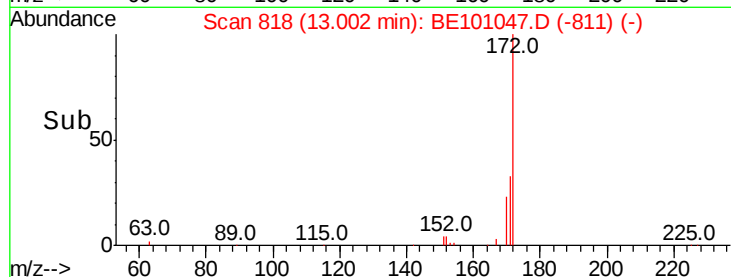
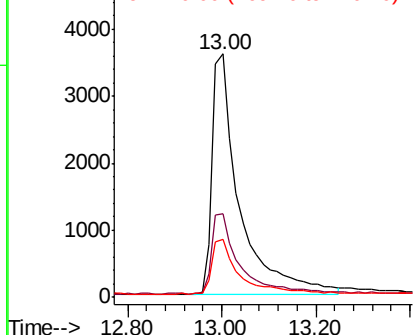
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.00 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE101047.D
Acq: 14 Jan 2020 9:37

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 14343
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.9 18.9 28.3

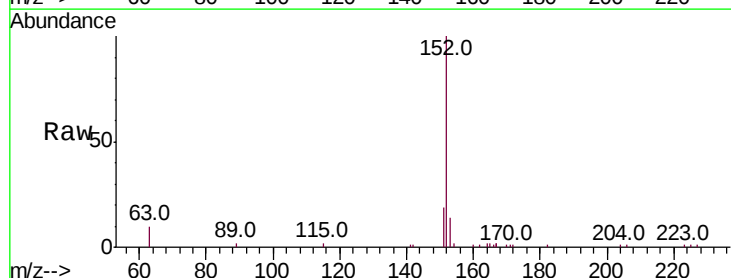


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

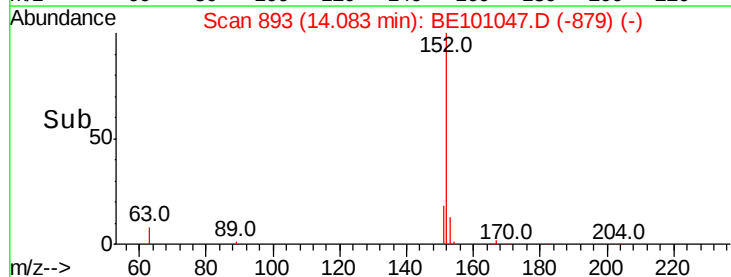
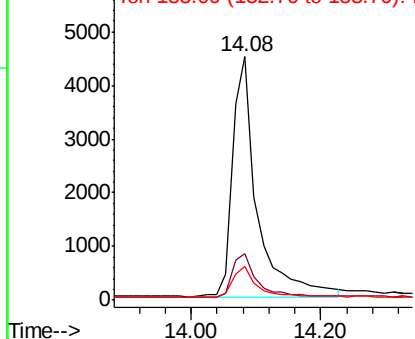


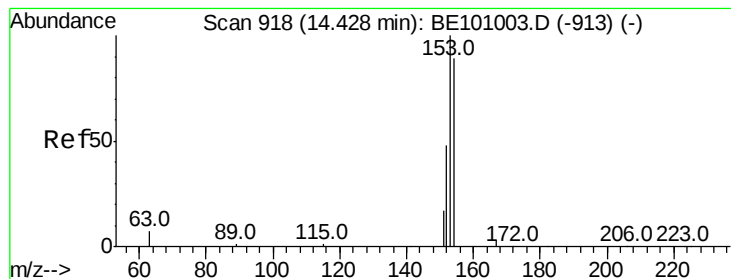
#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.08 min Scan# 893
Delta R.T. 0.00 min
Lab File: BE101047.D
Acq: 14 Jan 2020 9:37

Tgt Ion:152 Resp: 11794
Ion Ratio Lower Upper
152 100
151 18.7 15.5 23.3
153 12.9 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: 0.394 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

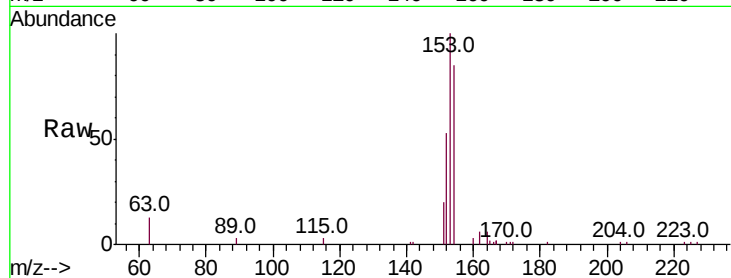
Tot Ion:154 Resp: 10553

Ion Ratio Lower Upper

154 100

153 115.4 93.6 140.4

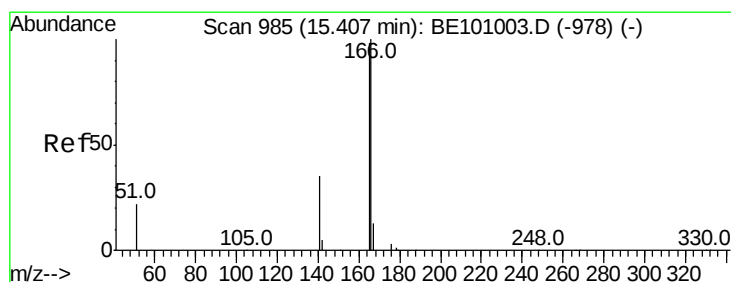
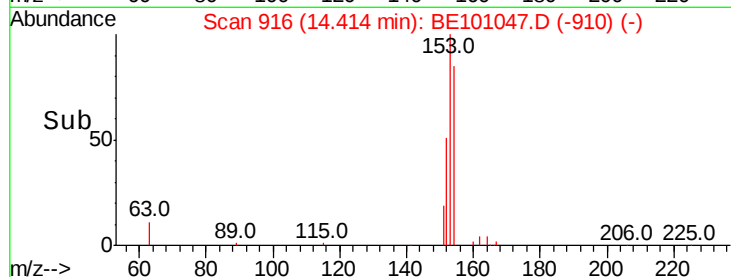
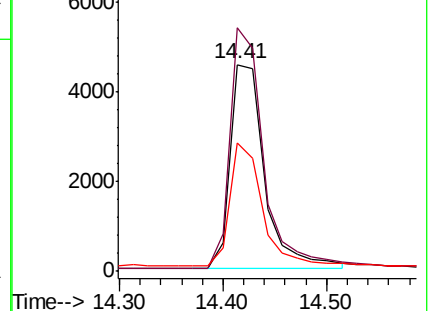
152 57.3 46.3 69.5



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: 0.384 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

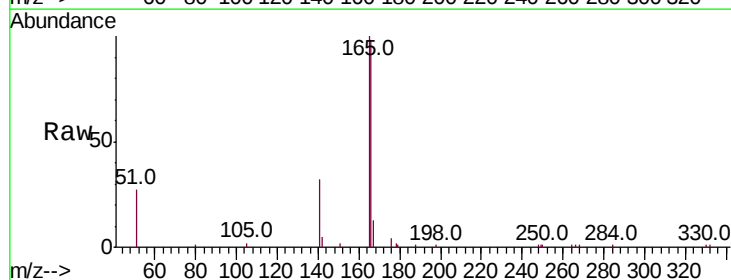
Tgt Ion:166 Resp: 13004

Ion Ratio Lower Upper

166 100

165 99.8 79.8 119.8

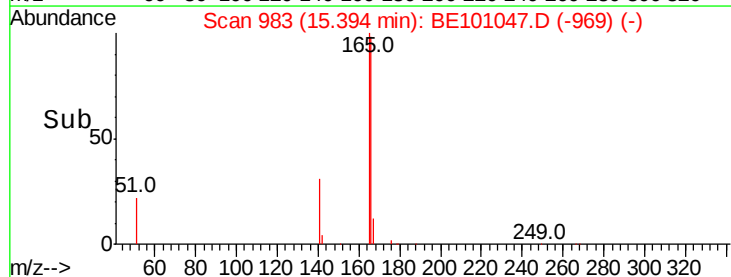
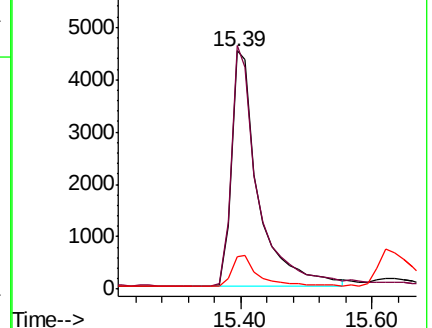
167 12.9 11.0 16.6

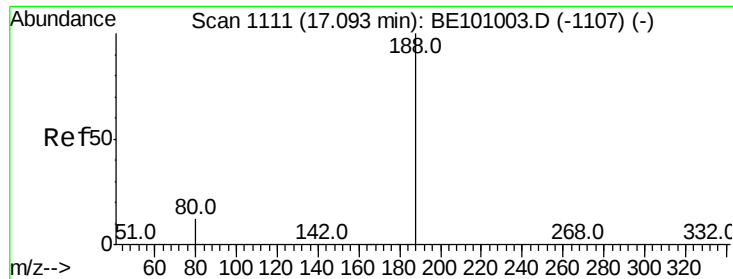


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

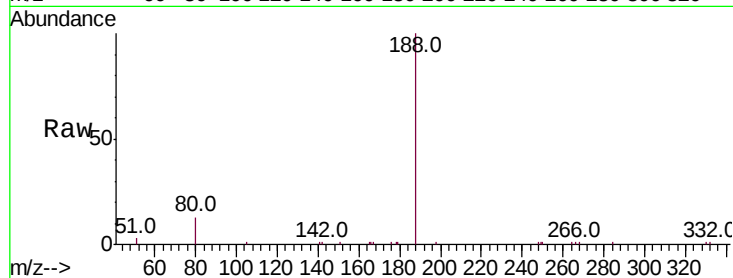
Tot Ion:188 Resp: 19776

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

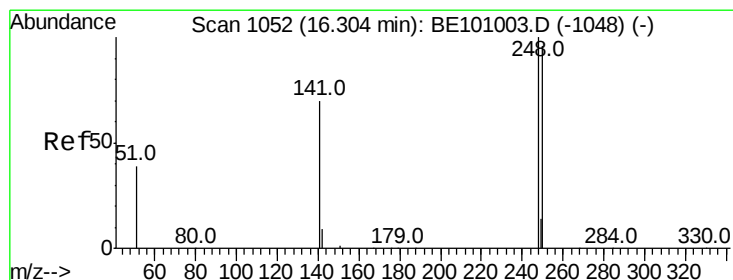
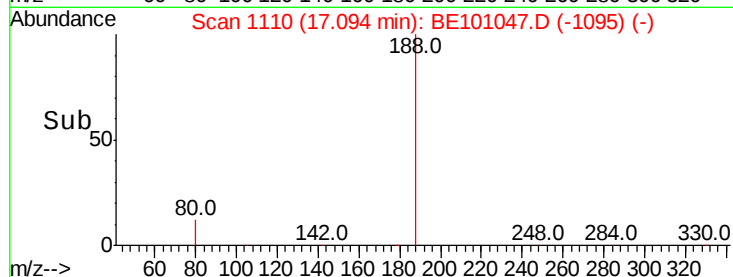
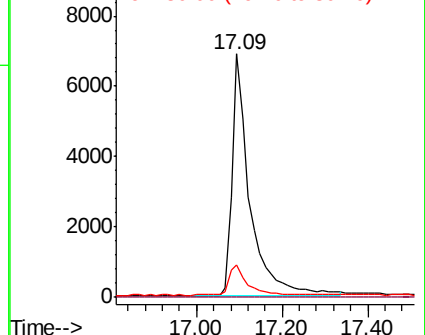
80 13.4 10.8 16.2



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: 0.369 ng

RT: 16.30 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

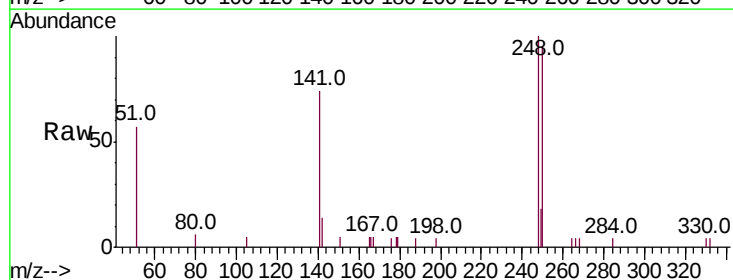
Tgt Ion:248 Resp: 3563

Ion Ratio Lower Upper

248 100

250 95.2 76.6 115.0

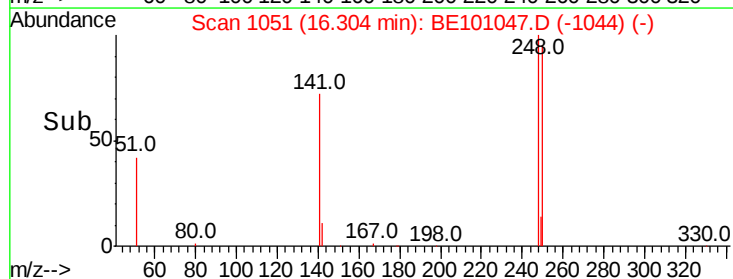
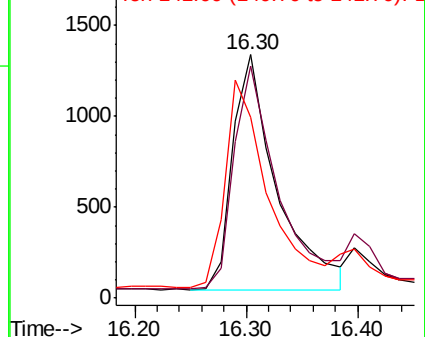
141 74.3 57.7 86.5

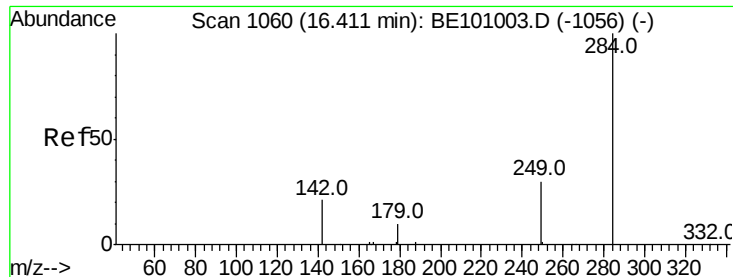


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

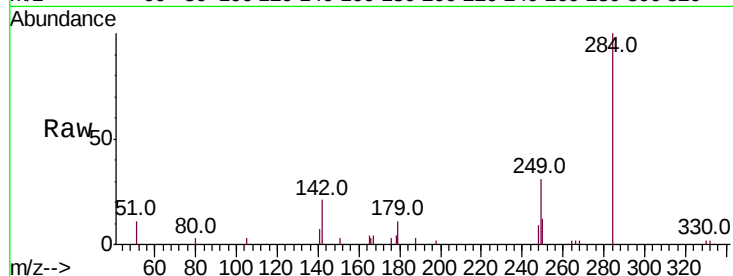
Tot Ion:284 Resp: 4489

Ion Ratio Lower Upper

284 100

142 40.9 34.0 51.0

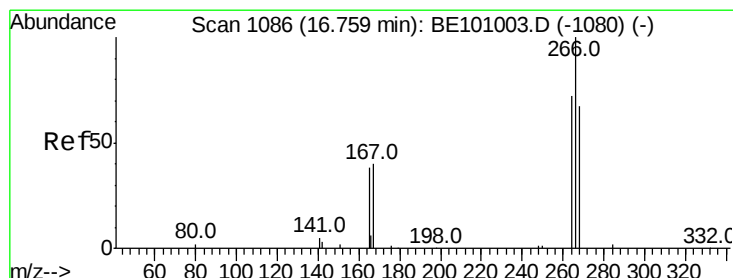
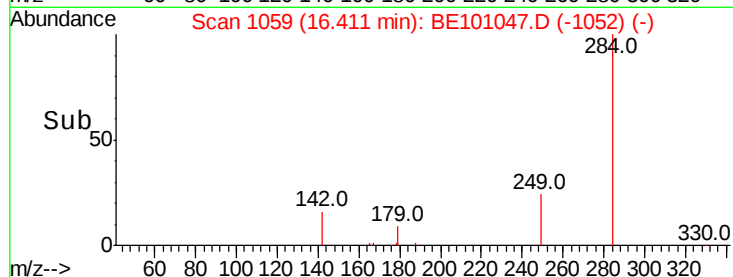
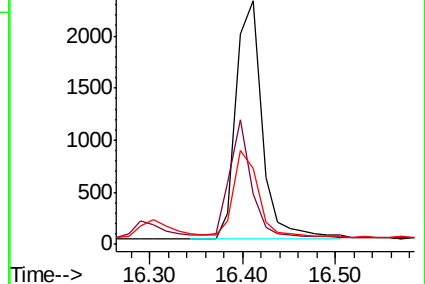
249 34.1 28.2 42.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.383 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

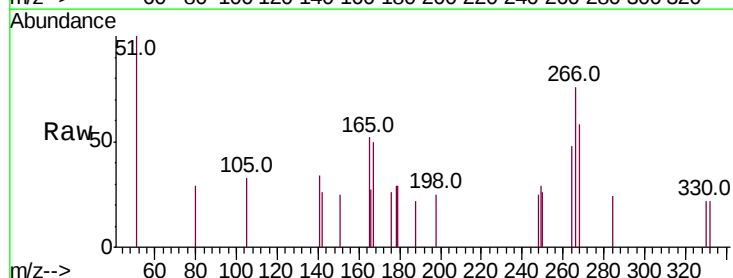
Tgt Ion:266 Resp: 493

Ion Ratio Lower Upper

266 100

264 63.5 61.0 91.4

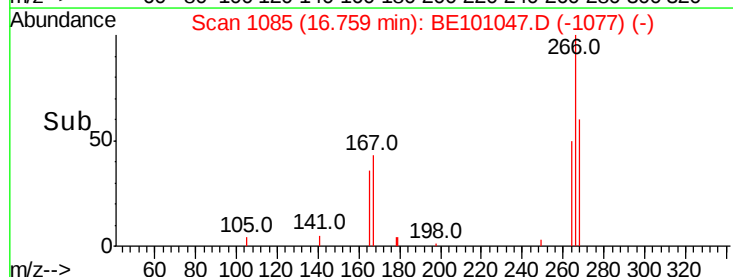
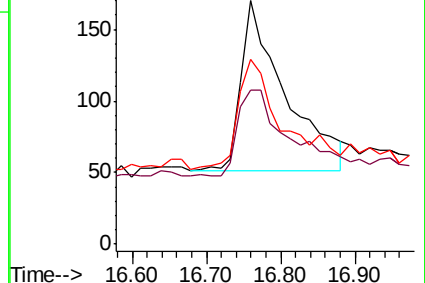
268 75.9 58.5 87.7

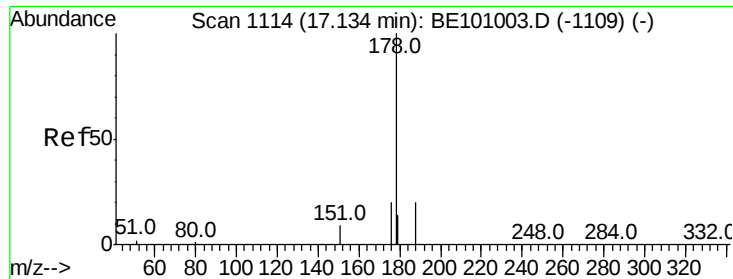


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampled :

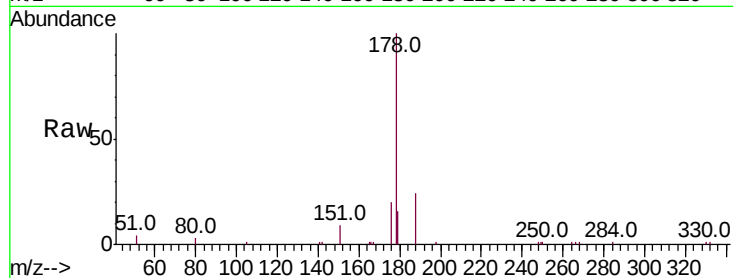
Tot Ion:178 Resp: 21218

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

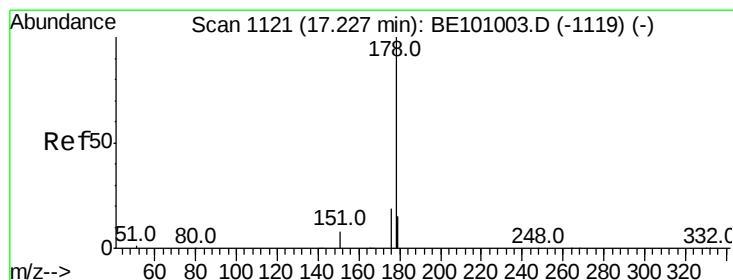
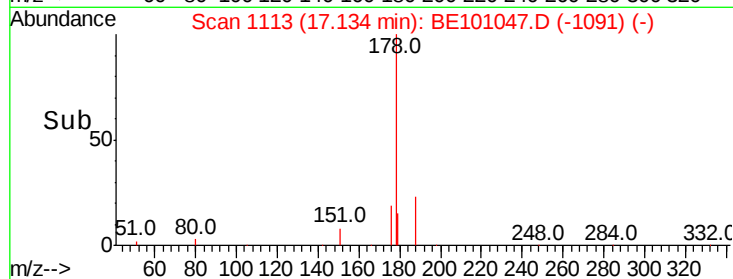
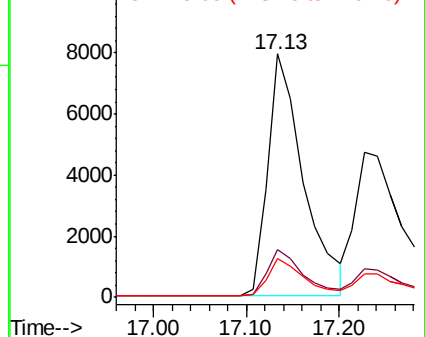
179 15.3 12.0 18.0



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: 0.364 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

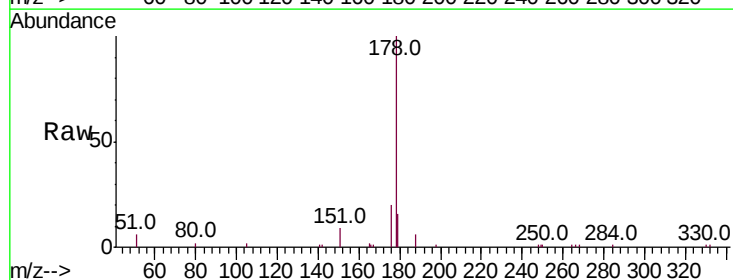
Tgt Ion:178 Resp: 18564

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

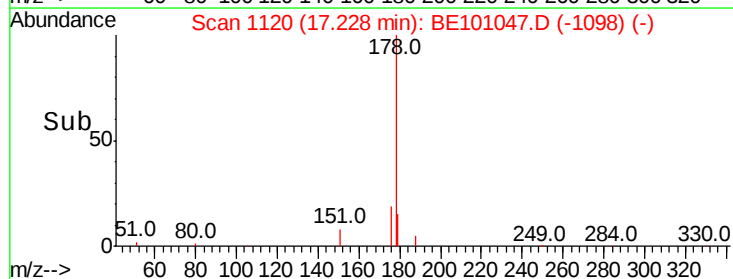
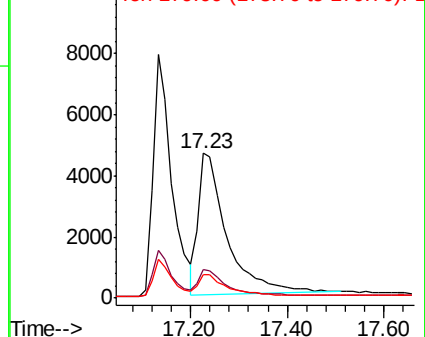
179 14.4 12.4 18.6

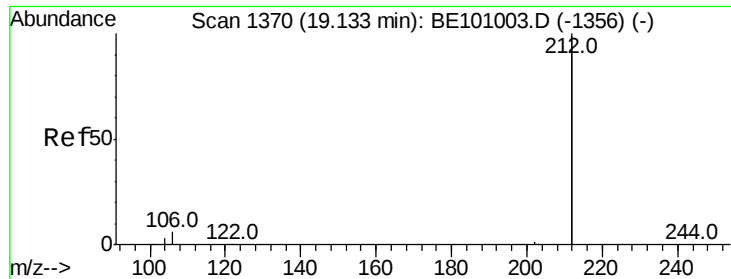


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

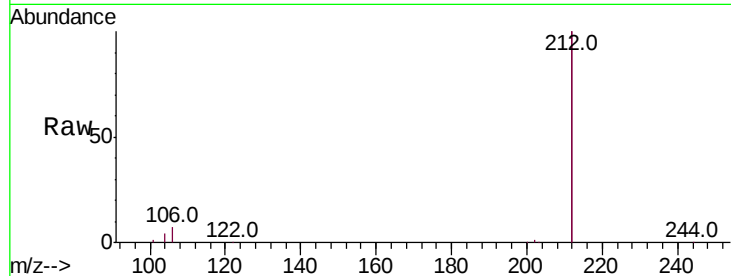
Tot Ion:212 Resp: 98324

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

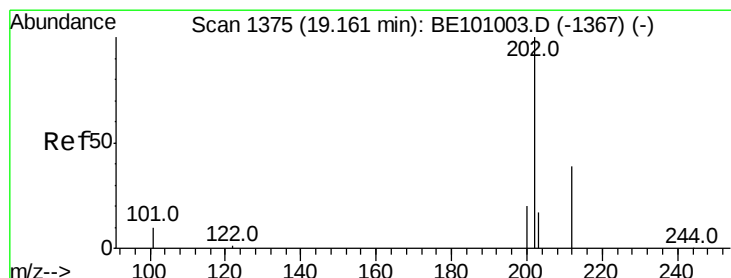
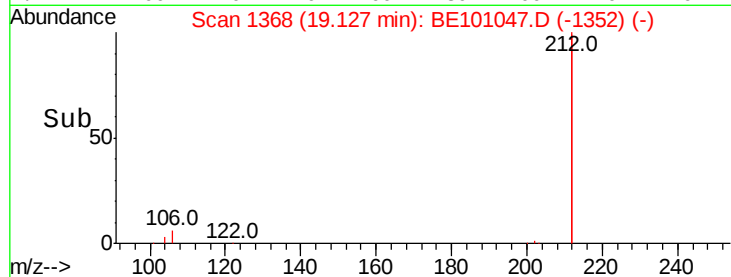
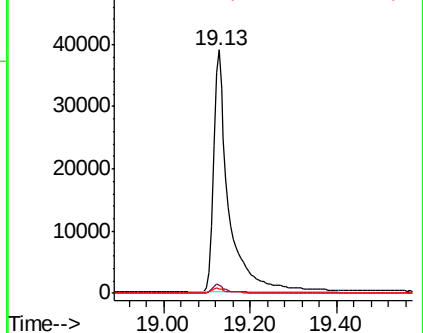
104 1.8 1.4 2.0



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: 0.359 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

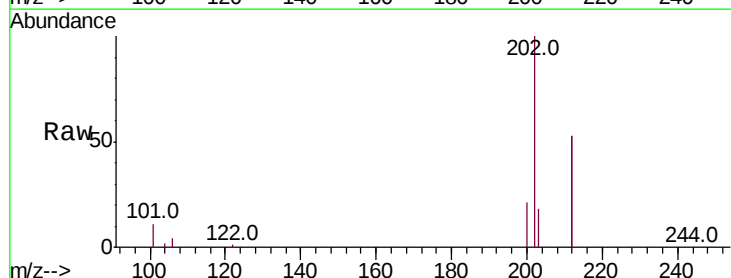
Tgt Ion:202 Resp: 24272

Ion Ratio Lower Upper

202 100

101 11.1 9.6 14.4

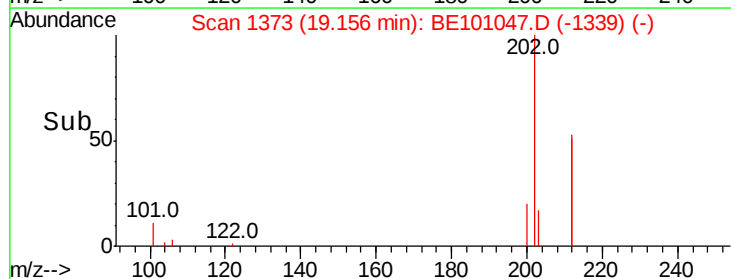
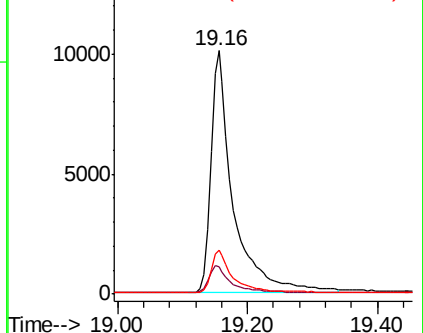
203 16.9 13.8 20.6

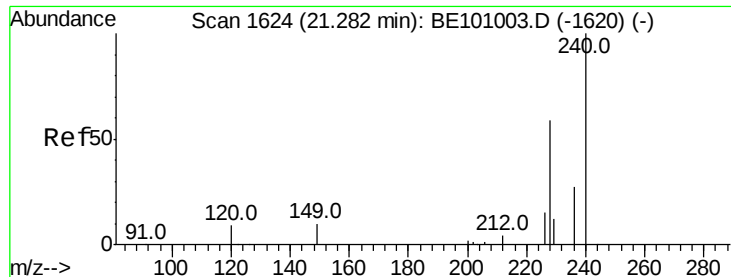


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

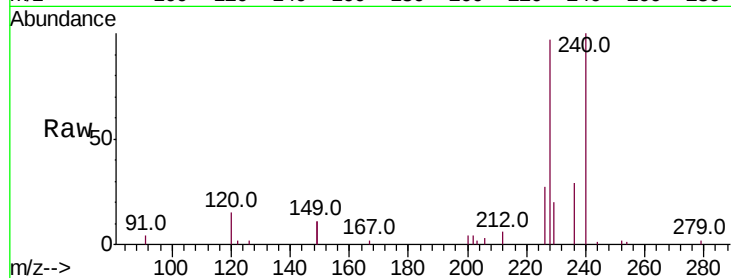
Tot Ion:240 Resp: 14691

Ion Ratio Lower Upper

240 100

120 14.6 8.6 13.0#

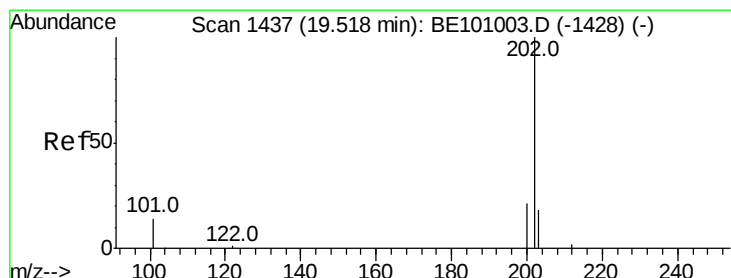
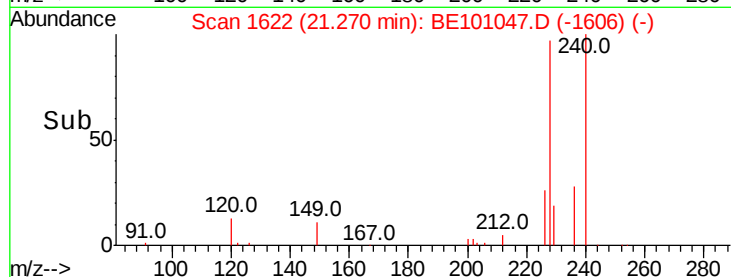
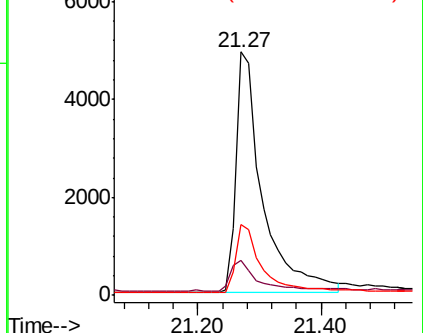
236 29.2 22.2 33.4



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: 0.437 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

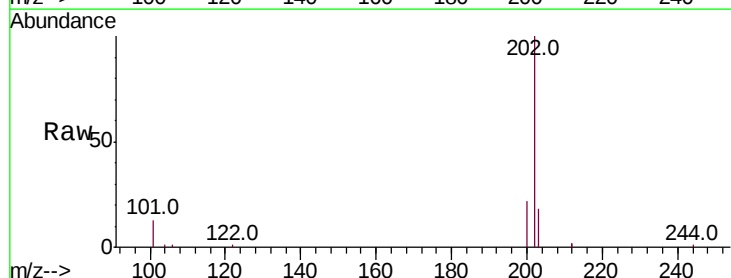
Tgt Ion:202 Resp: 23875

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

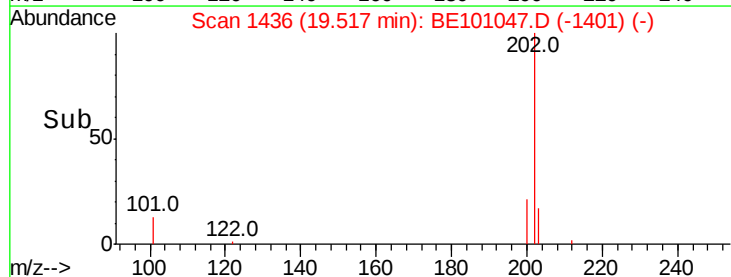
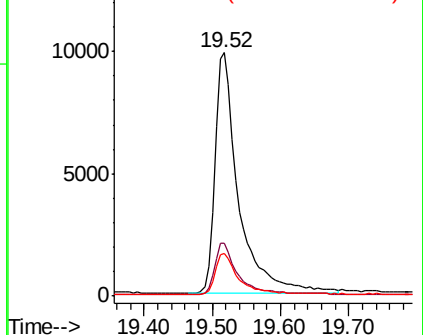
203 17.4 13.8 20.6

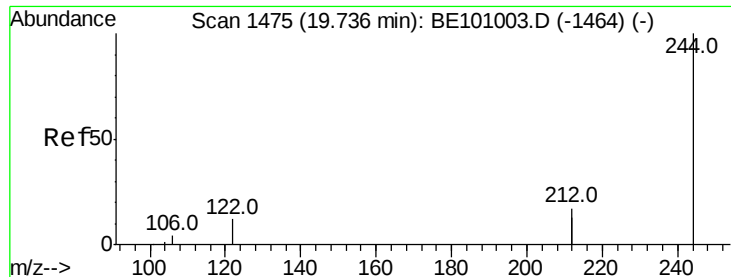


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.74 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

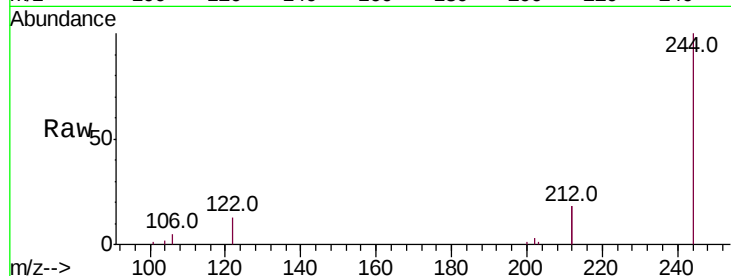
Tot Ion:244 Resp: 15447

Ion Ratio Lower Upper

244 100

212 35.4 27.2 40.8

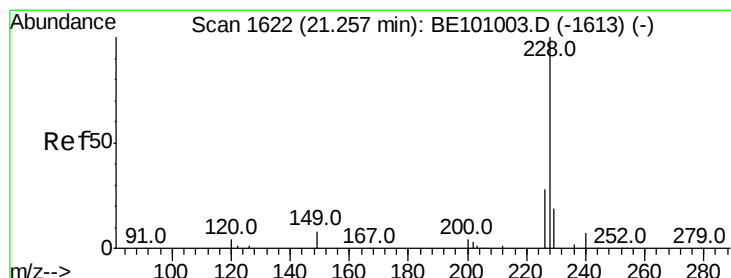
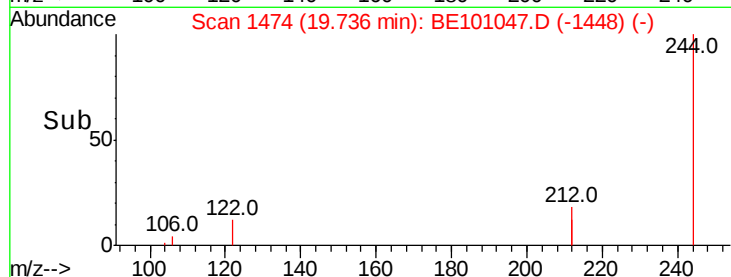
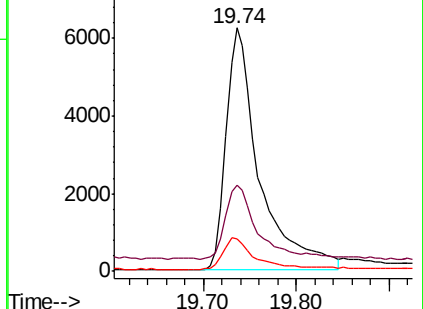
122 13.3 9.8 14.8



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: 0.307 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

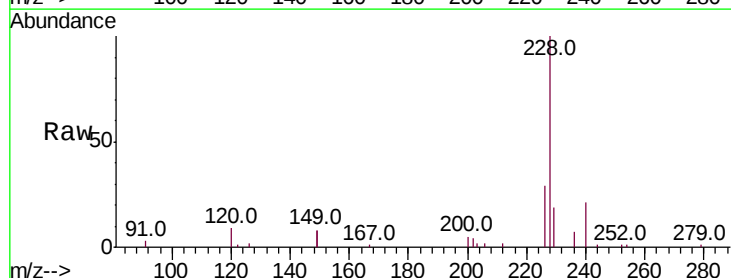
Tgt Ion:228 Resp: 12865

Ion Ratio Lower Upper

228 100

226 28.7 22.7 34.1

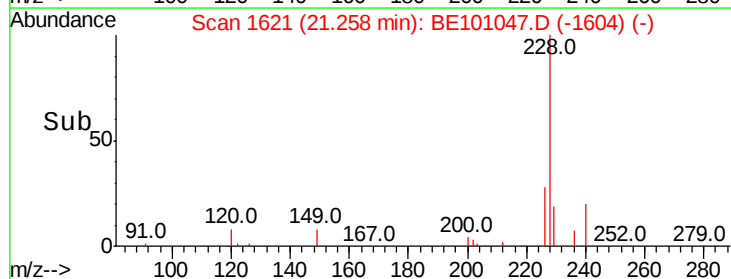
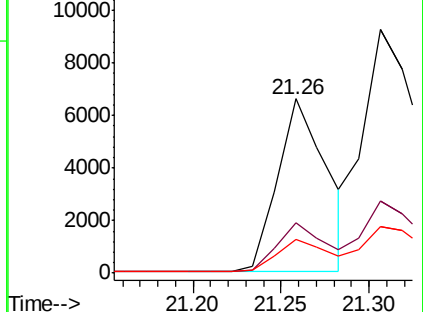
229 19.3 15.5 23.3

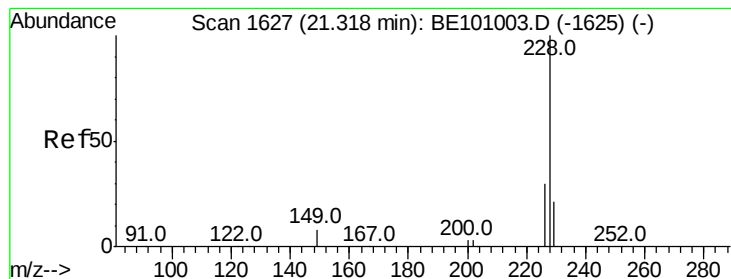


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.449 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

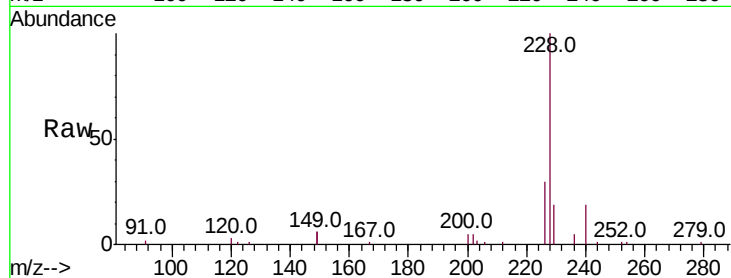
Tot Ion:228 Resp: 27964

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

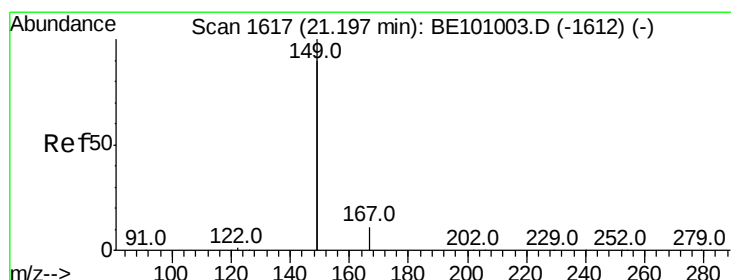
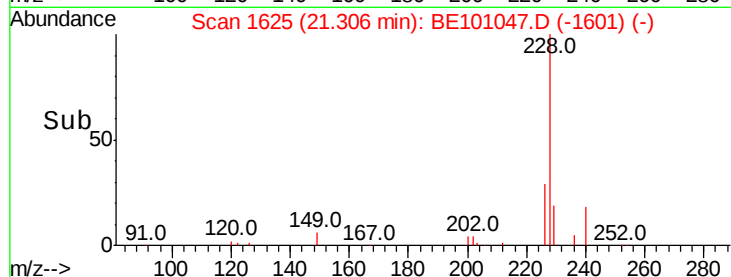
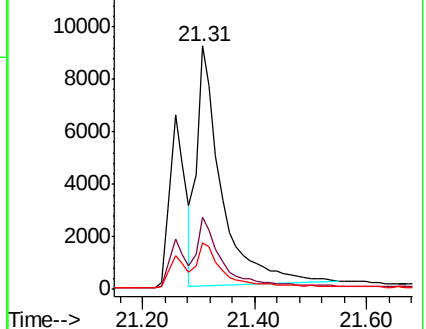
229 19.3 16.7 25.1



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: 0.273 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

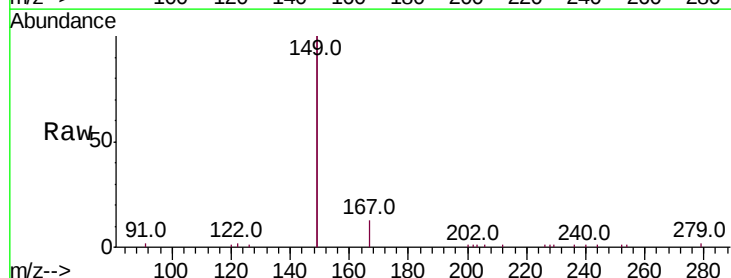
Tgt Ion:149 Resp: 19086

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

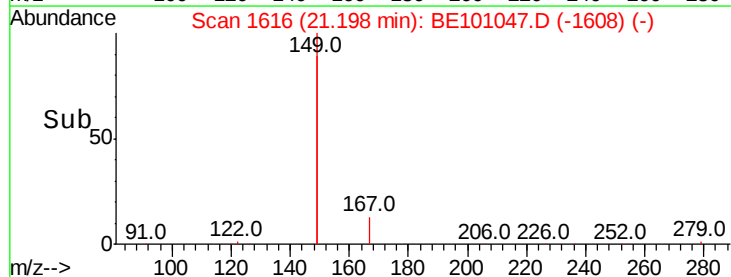
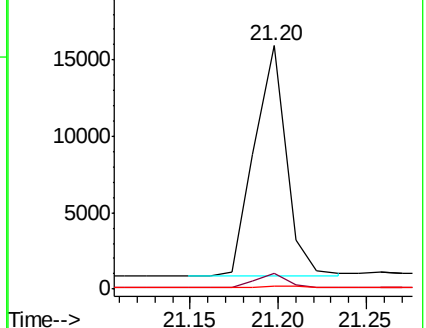
279 0.8 0.8 1.2#

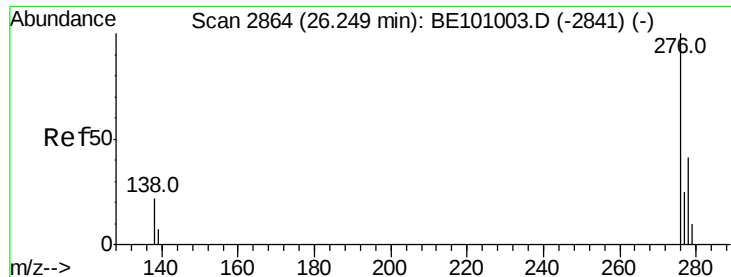


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.409 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

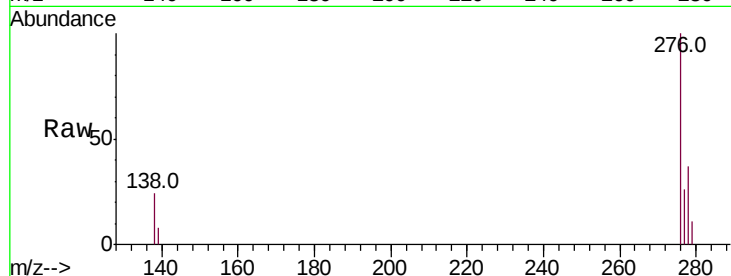
Tot Ion:276 Resp: 20121

Ion Ratio Lower Upper

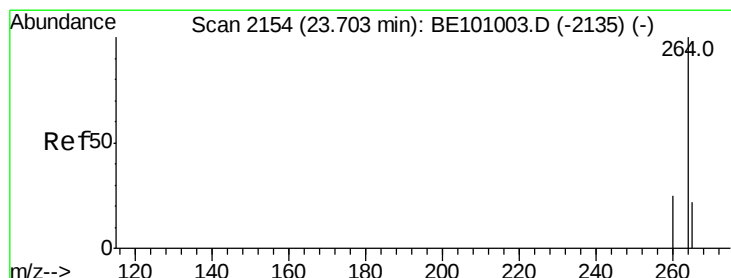
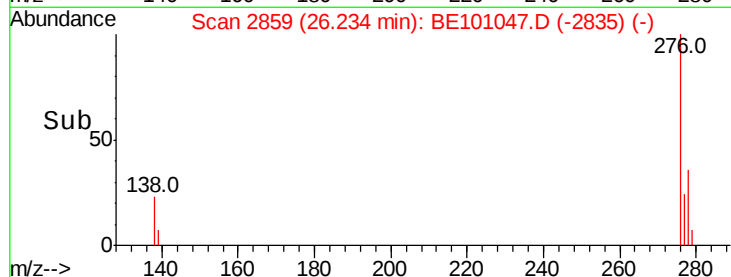
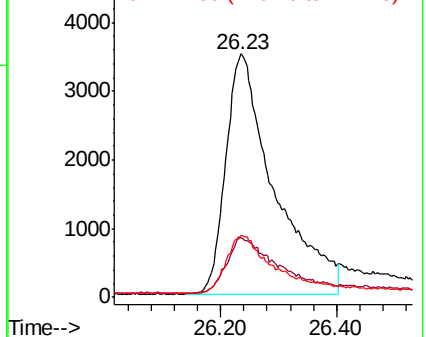
276 100

138 18.4 16.1 24.1

277 24.4 18.1 27.1



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: 23.70 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

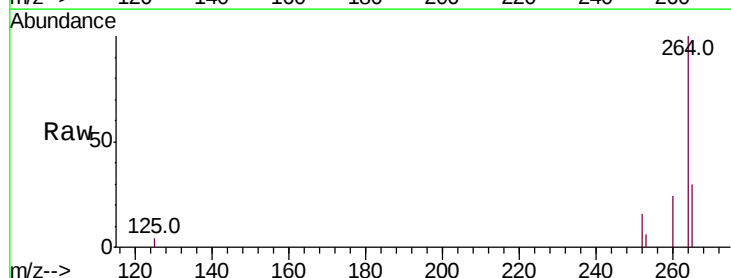
Tgt Ion:264 Resp: 16664

Ion Ratio Lower Upper

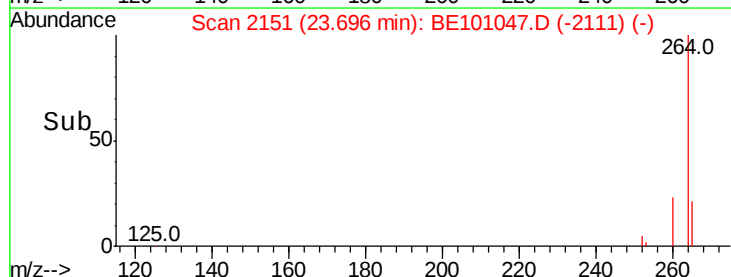
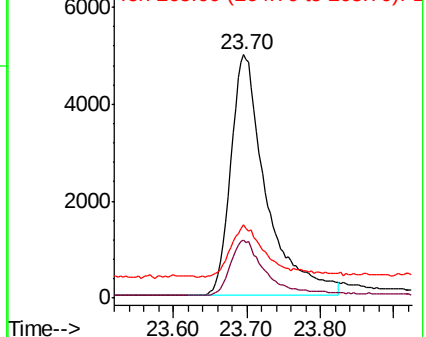
264 100

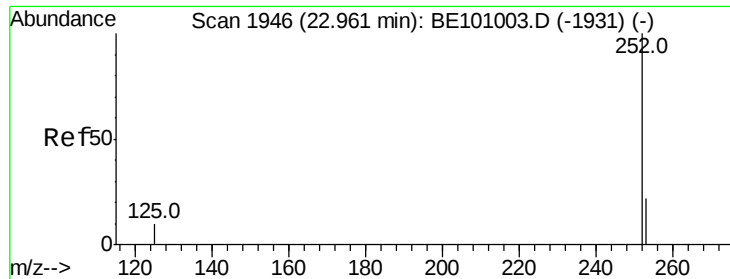
260 23.9 20.3 30.5

265 30.0 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

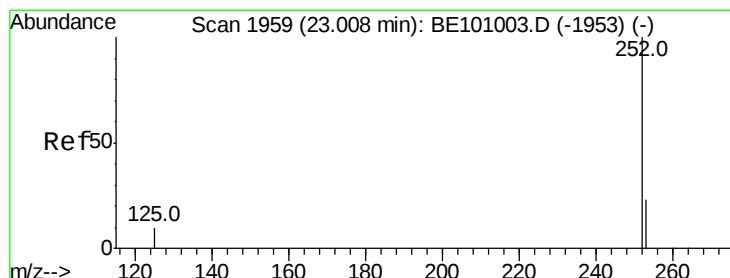
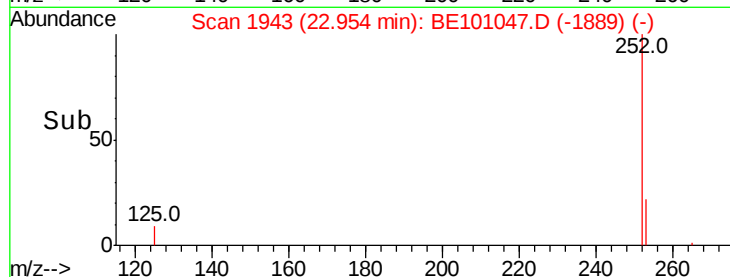
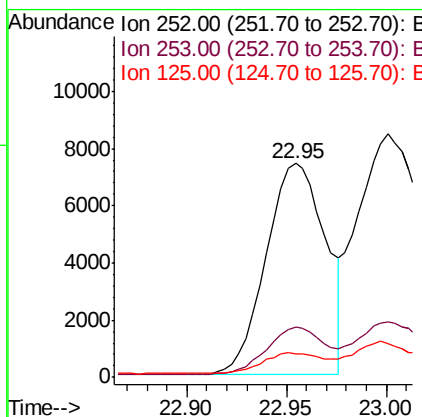
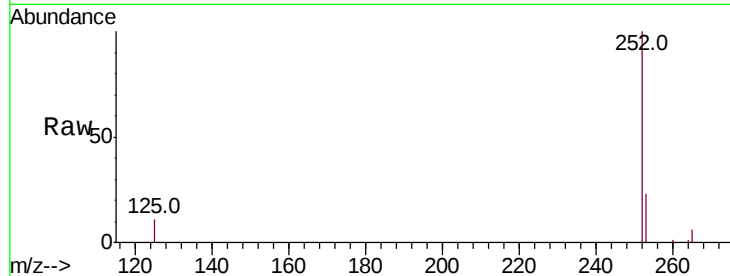




#35
Benzo(b)fluoranthene
Concen: 0.328 ng
RT: 22.95 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BE101047.D
Acq: 14 Jan 2020 9:37

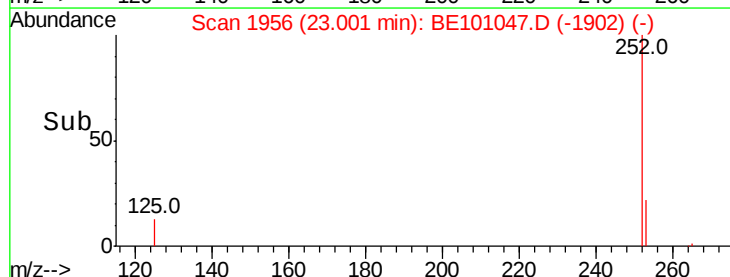
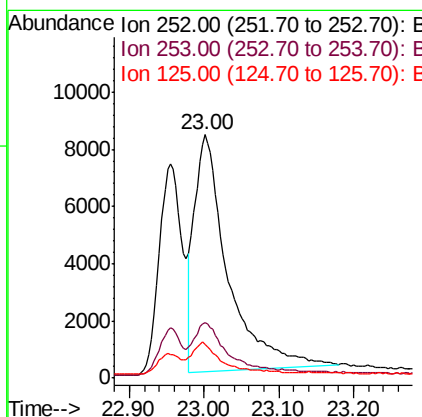
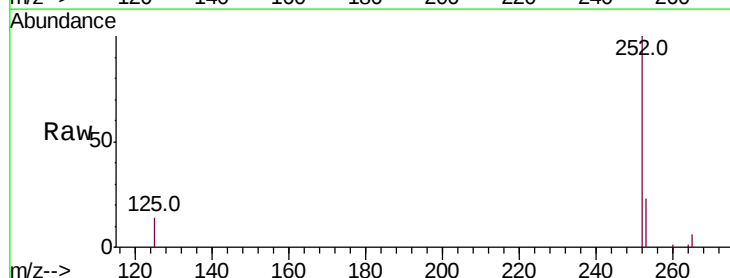
Instrument :
BNA_E
ClientSampleId :

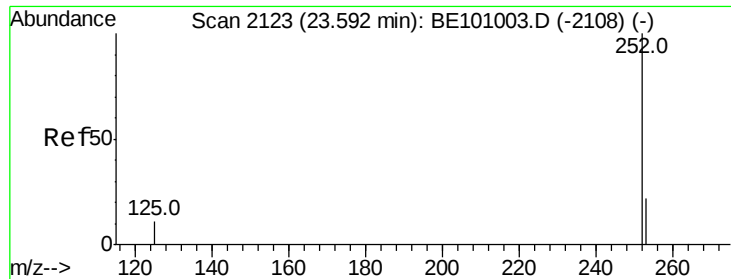
Tot Ion:252 Resp: 15330
Ion Ratio Lower Upper
252 100
253 23.3 18.5 27.7
125 10.9 9.5 14.3



#36
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 23.00 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BE101047.D
Acq: 14 Jan 2020 9:37

Tgt Ion:252 Resp: 25794
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 14.0 10.1 15.1





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.59 min Scan# 2121

Delta R.T. -0.00 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :

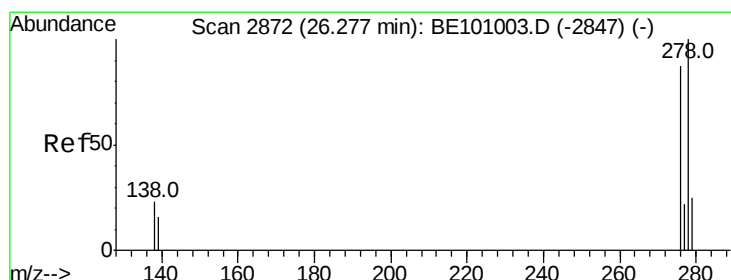
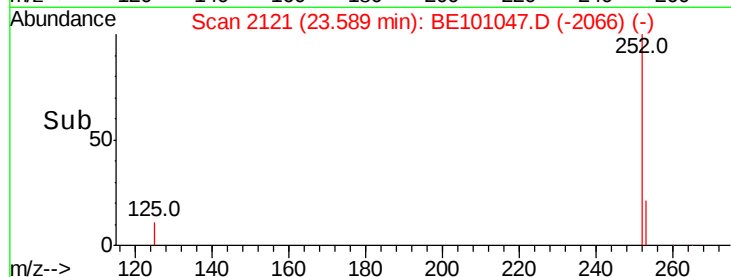
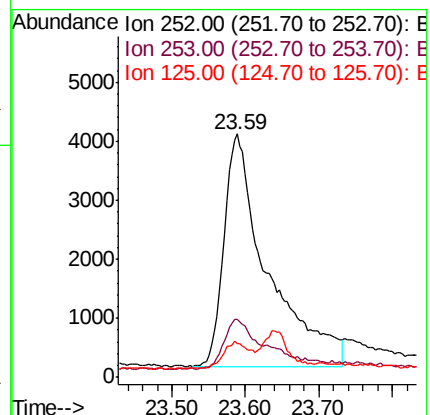
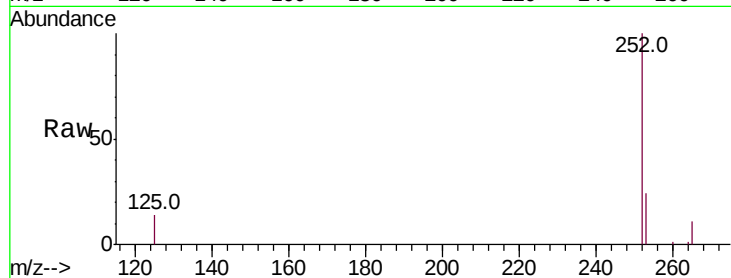
Tot Ion:252 Resp: 16449

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.2

125 14.0 11.8 17.6



#38

Dibenzo(a,h)anthracene

Concen: 0.354 ng

RT: 26.27 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

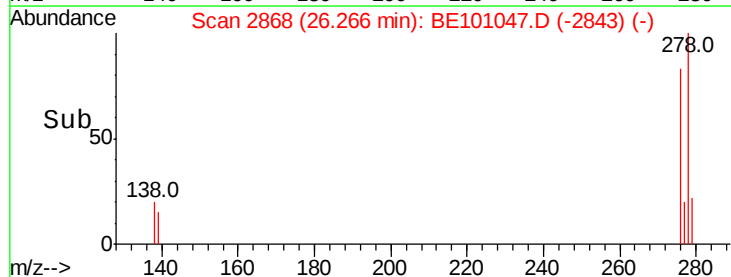
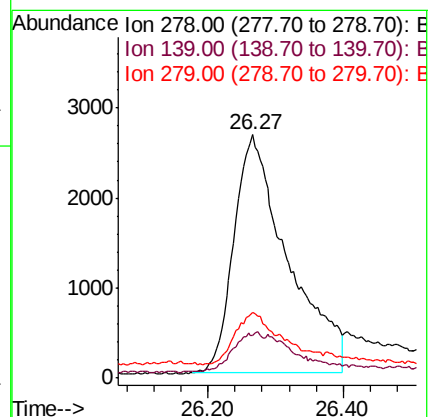
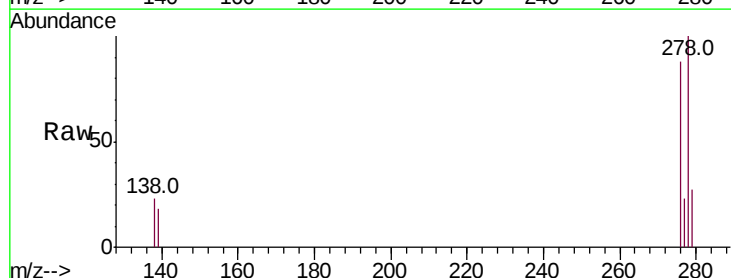
Tgt Ion:278 Resp: 14705

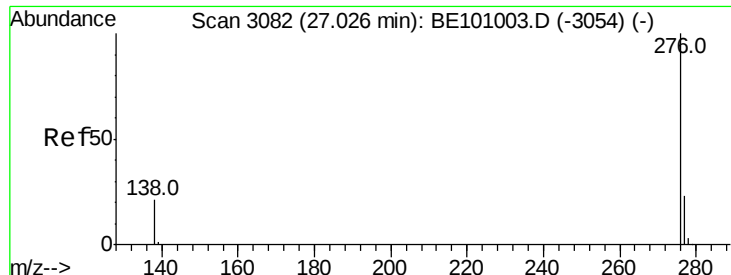
Ion Ratio Lower Upper

278 100

139 17.7 15.0 22.4

279 27.2 22.6 33.8





#39

Benzo(a,h,i)perylene

Concen: 0.381 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

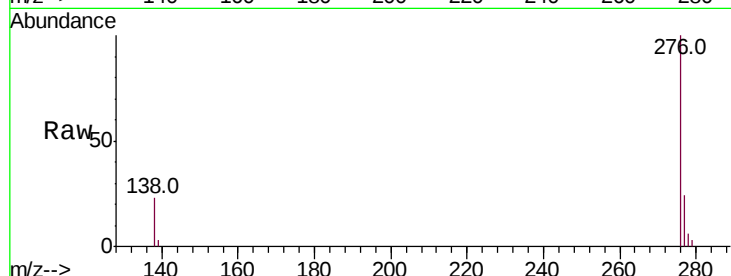
Lab File: BE101047.D

Acq: 14 Jan 2020 9:37

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 19484

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 22.6 17.9 26.9

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

