

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011320\
 Data File : BE101034.D
 Acq On : 13 Jan 2020 10:53
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 13 13:45:23 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	7.74	152	3308	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	15276	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	8846	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	18362	0.40	ng	0.00
27) Chrysene-d12	21.28	240	14913	0.40	ng	0.00
34) Perylene-d12	23.70	264	15602	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	2495	0.34	ng	0.00
5) Phenol-d6	6.92	99	2829	0.30	ng	0.00
8) Nitrobenzene-d5	8.89	82	2672	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.11	152	11593	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	601	0.24	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	13820	0.41	ng	0.00
25) Fluoranthene-d10	19.13	212	89451	0.35	ng	0.00
29) Terphenyl-d14	19.74	244	14982	0.41	ng	0.00

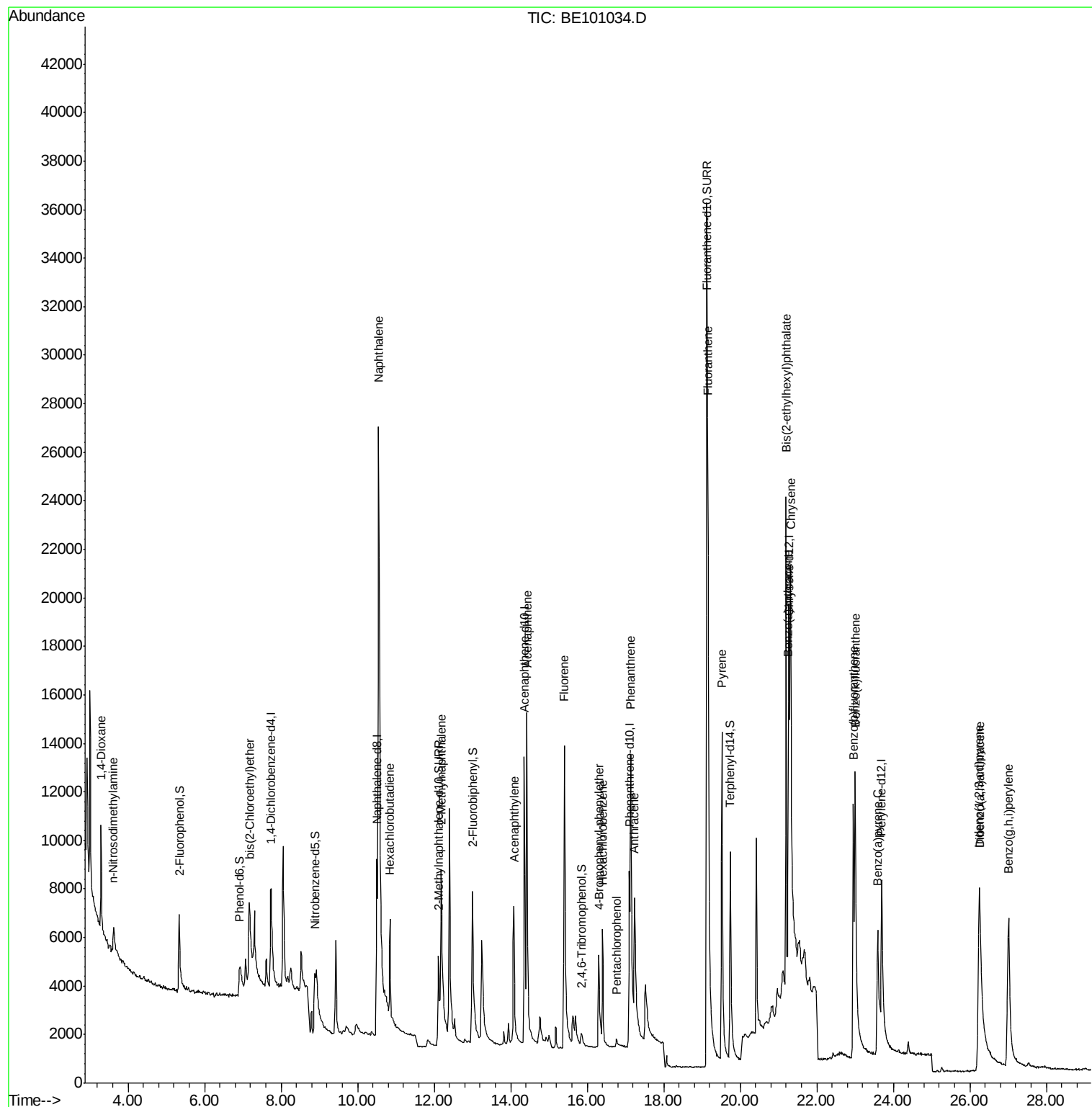
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	3156	0.393	ng	97
3) n-Nitrosodimethylamine	3.61	42	1480	0.322	ng	# 74
6) bis(2-Chloroethyl)ether	7.17	93	3552	0.317	ng	# 95
9) Naphthalene	10.55	128	68571	0.404	ng	100
10) Hexachlorobutadiene	10.85	225	3019	0.420	ng	98
12) 2-Methylnaphthalene	12.18	142	9943	0.388	ng	99
16) Acenaphthylene	14.08	152	10068	0.279	ng	97
17) Acenaphthene	14.43	154	10097	0.392	ng	98
18) Fluorene	15.39	166	12734	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.31	248	3163	0.353	ng	96
21) Hexachlorobenzene	16.40	284	3968	0.404	ng	98
22) Pentachlorophenol	16.76	266	423	0.373	ng	92
23) Phenanthrene	17.14	178	19107	0.381	ng	100
24) Anthracene	17.23	178	16676	0.352	ng	97
26) Fluoranthene	19.16	202	21652	0.345	ng	99
28) Pyrene	19.52	202	21413	0.386	ng	100
30) Benzo(a)anthracene	21.26	228	12814	0.301	ng	99
31) Chrysene	21.32	228	29687	0.469	ng	99
32) Bis(2-ethylhexyl)phthalate	21.20	149	21661	0.305	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.24	276	19741	0.395	ng	97
35) Benzo(b)fluoranthene	22.96	252	16742	0.383	ng	100
36) Benzo(k)fluoranthene	23.00	252	26148	0.412	ng	97
37) Benzo(a)pyrene	23.59	252	15496	0.366	ng	99
38) Dibenzo(a,h)anthracene	26.26	278	15292	0.393	ng	97
39) Benzo(g,h,i)perylene	27.01	276	19640	0.410	ng	98

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :

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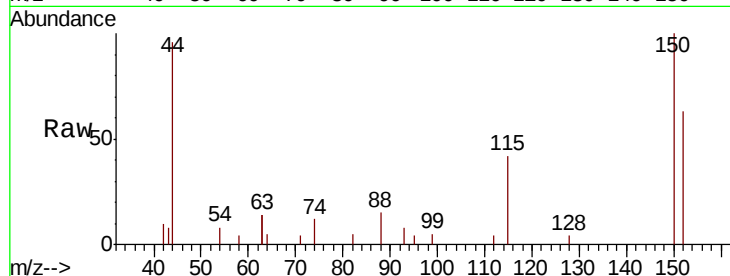


#1

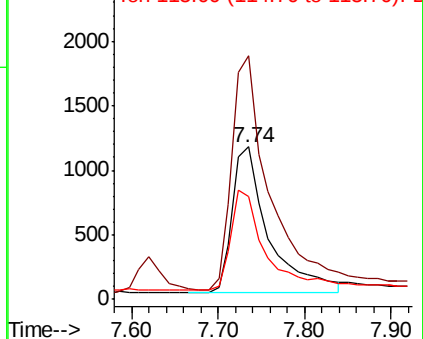
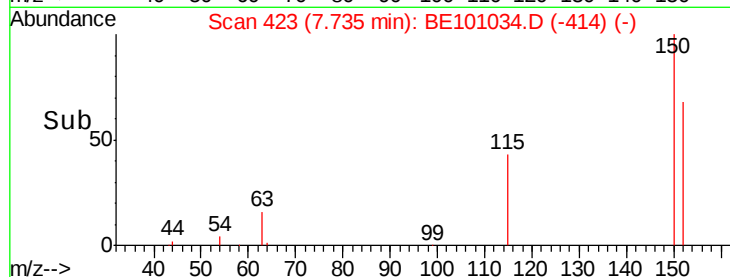
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 3308
Ion Ratio Lower Upper
152 100
150 159.6 120.3 180.5
115 67.4 51.7 77.5



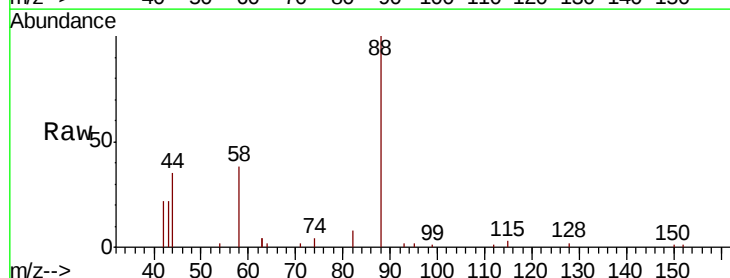
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



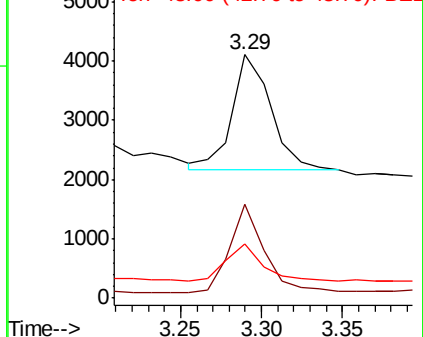
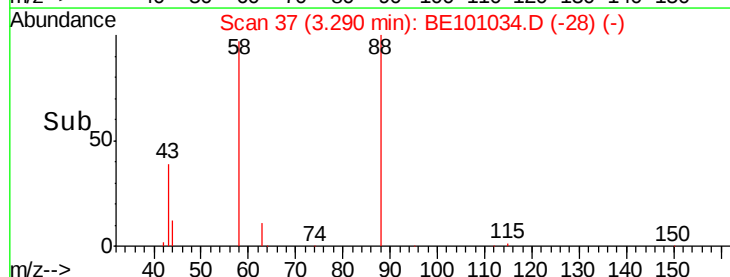
#2

1,4-Dioxane
Concen: 0.393 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Tgt Ion: 88 Resp: 3156
Ion Ratio Lower Upper
88 100
58 69.3 53.0 79.4
43 28.5 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: 0.322 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

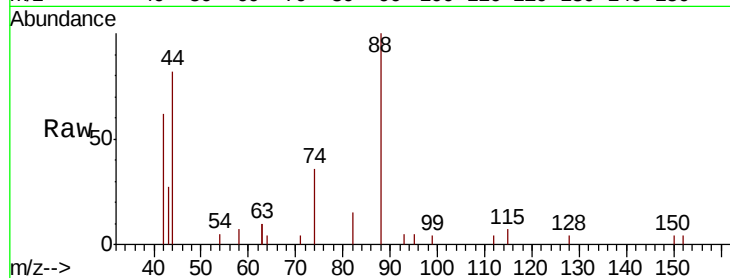
Tot Ion: 42 Resp: 1480

Ion Ratio Lower Upper

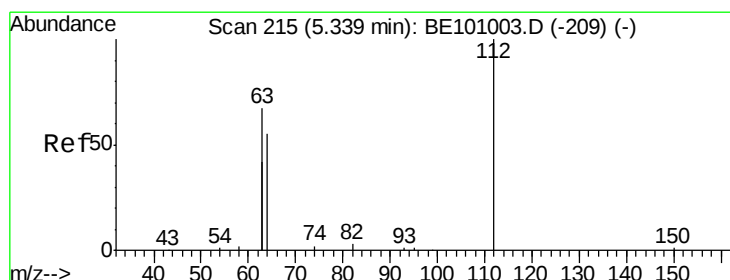
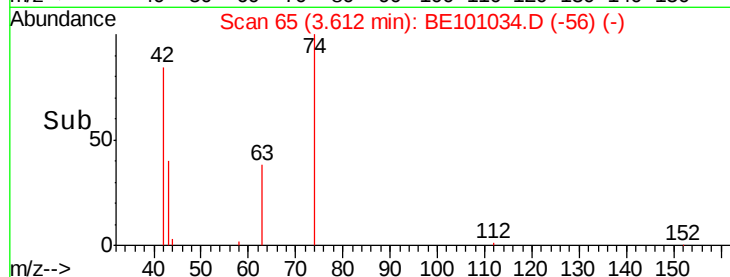
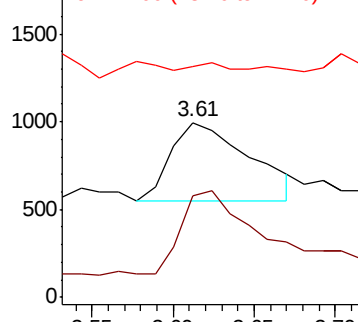
42 100

74 100.8 105.7 158.5#

44 5.4 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: 0.335 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

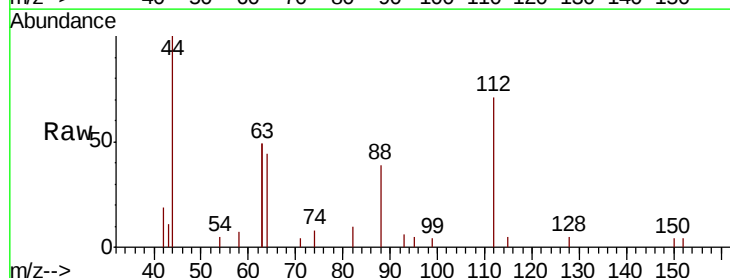
Tgt Ion: 112 Resp: 2495

Ion Ratio Lower Upper

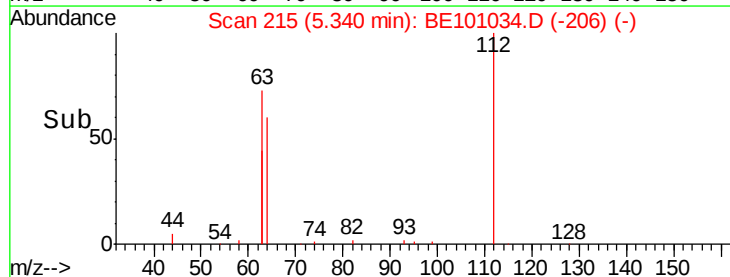
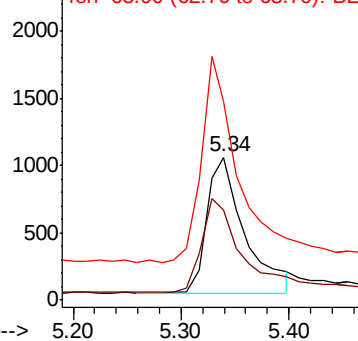
112 100

64 71.5 53.6 80.4

63 145.1 114.6 172.0



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: 0.300 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

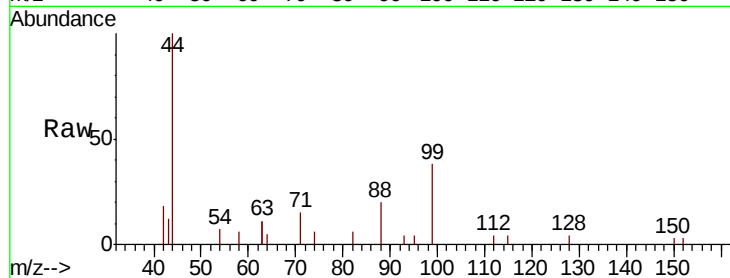
Tot Ion: 99 Resp: 2829

Ion Ratio Lower Upper

99 100

42 18.6 18.3 27.5

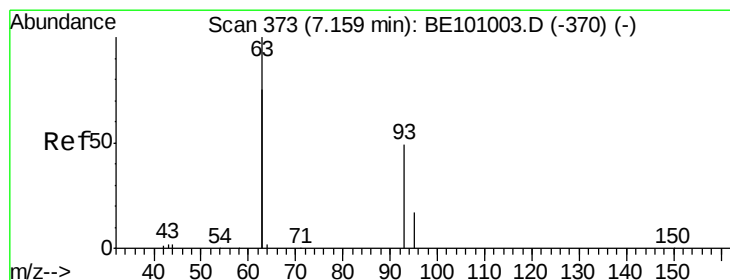
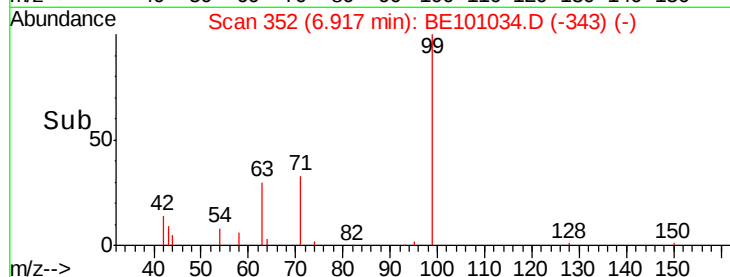
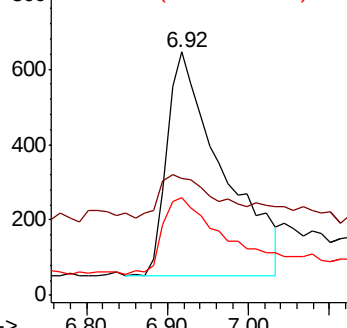
71 38.8 28.0 42.0



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: 0.317 ng

RT: 7.17 min Scan# 374

Delta R.T. 0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

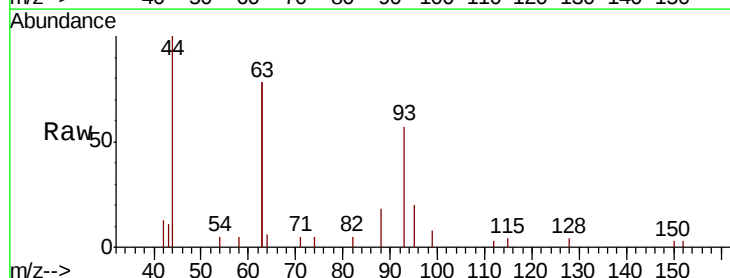
Tgt Ion: 93 Resp: 3552

Ion Ratio Lower Upper

93 100

63 283.5 233.9 350.9

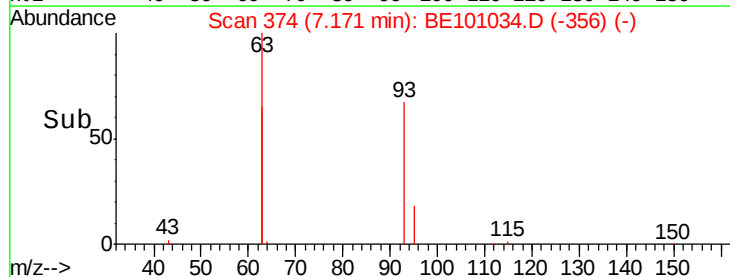
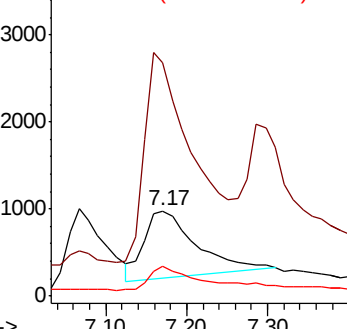
95 36.1 23.5 35.3#



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: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 15276

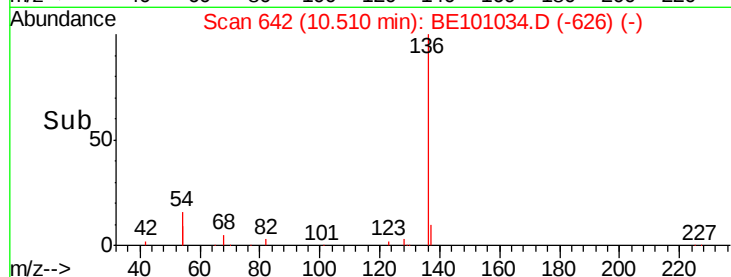
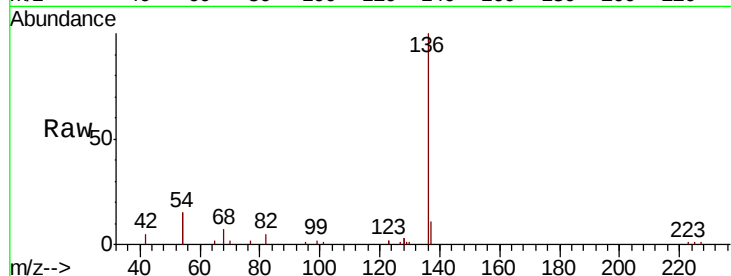
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 31.0 36.8 55.2#

68 6.8 8.4 12.6#

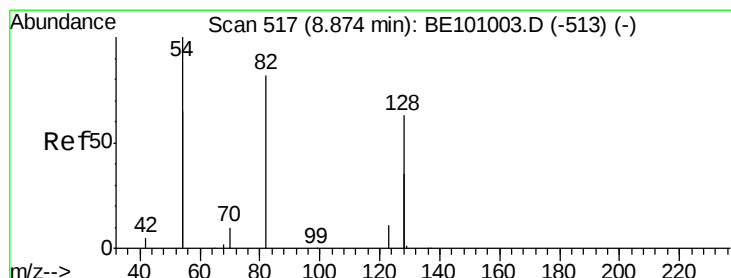
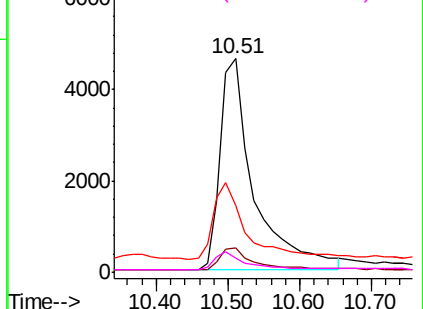


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.245 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

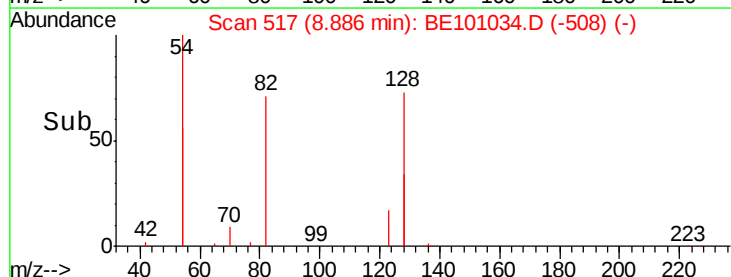
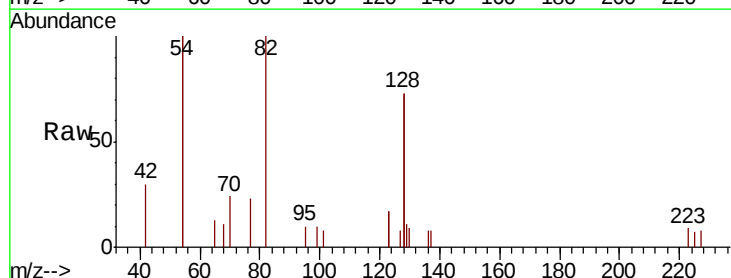
Tgt Ion: 82 Resp: 2672

Ion Ratio Lower Upper

82 100

128 146.5 109.8 164.6

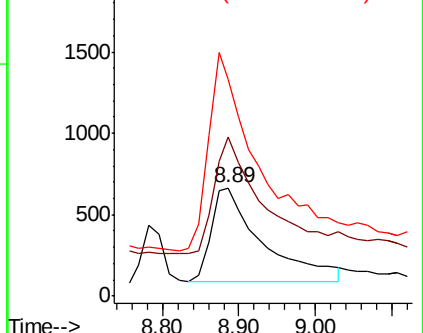
54 200.3 174.5 261.7

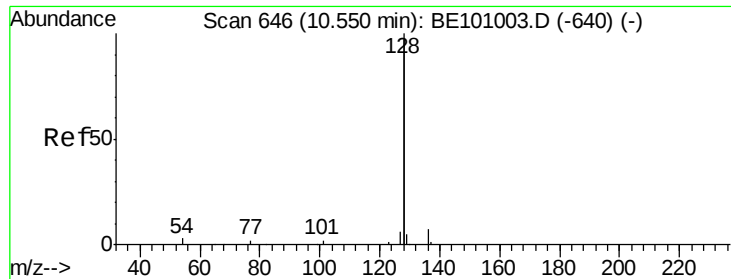


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.404 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

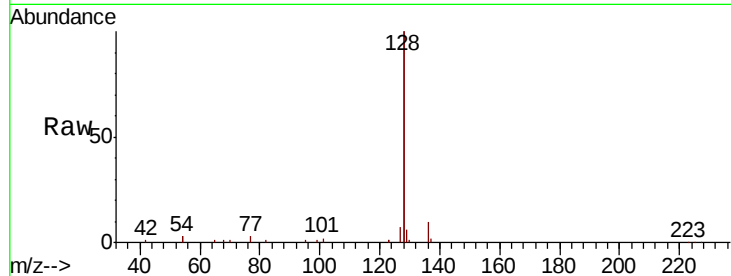
Tot Ion:128 Resp: 68571

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

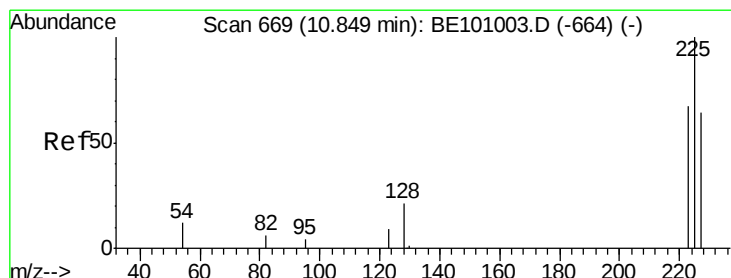
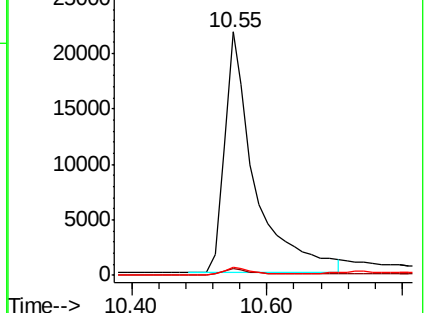
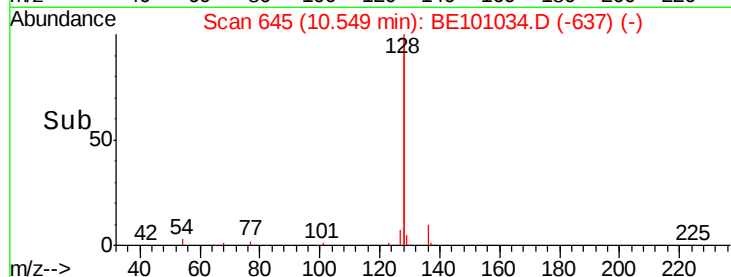
127 3.5 2.7 4.1



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: 0.420 ng

RT: 10.85 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

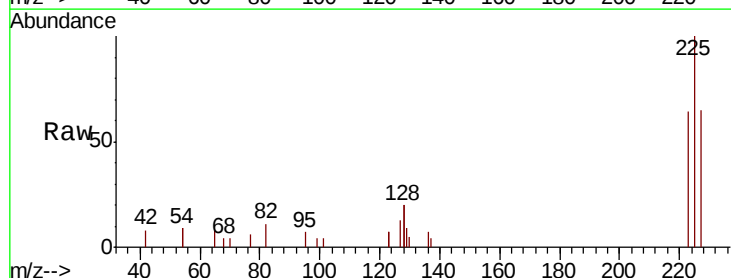
Tgt Ion:225 Resp: 3019

Ion Ratio Lower Upper

225 100

223 62.8 52.2 78.4

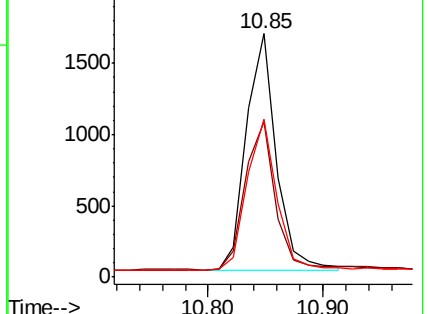
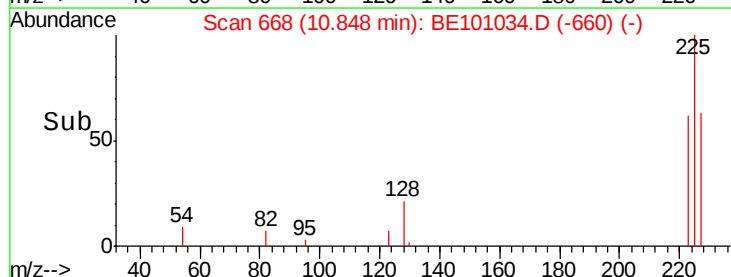
227 62.8 49.9 74.9

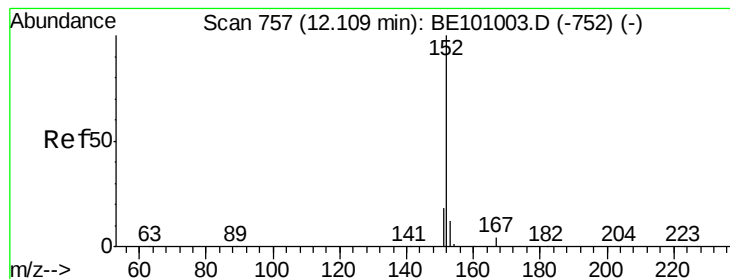


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.398 ng

RT: 12.11 min Scan# 756

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

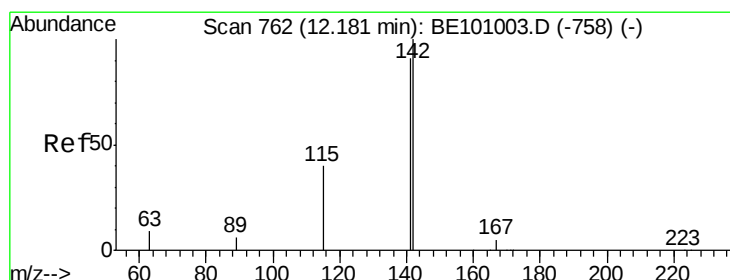
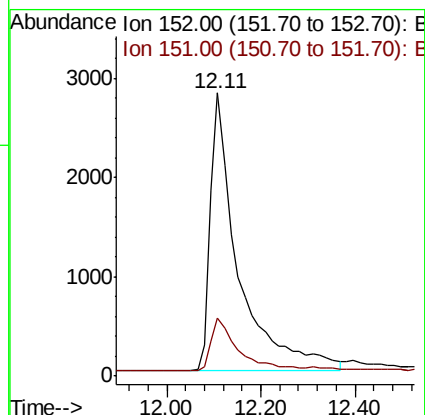
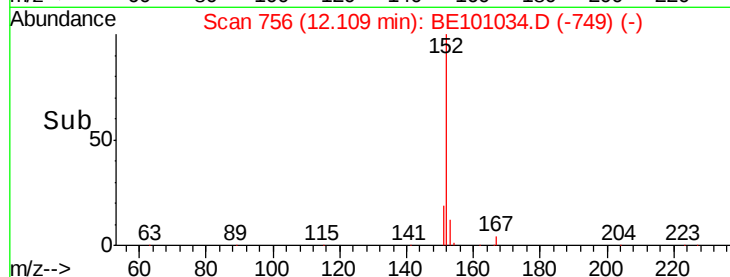
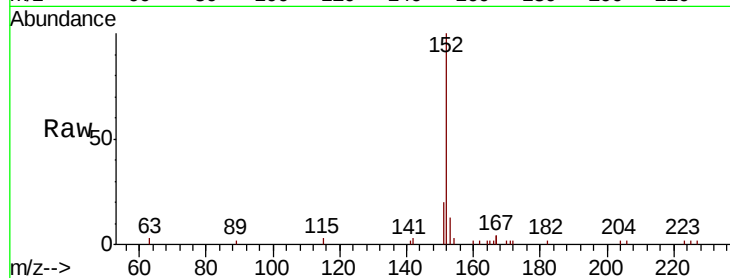
ClientSampleId :

Tot Ion:152 Resp: 11593

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.6



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 12.18 min Scan# 761

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

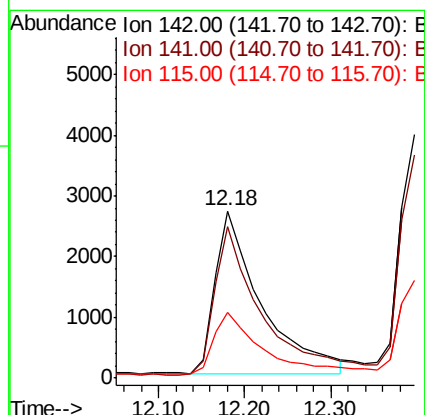
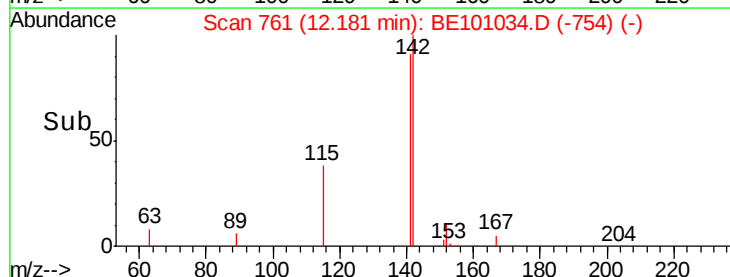
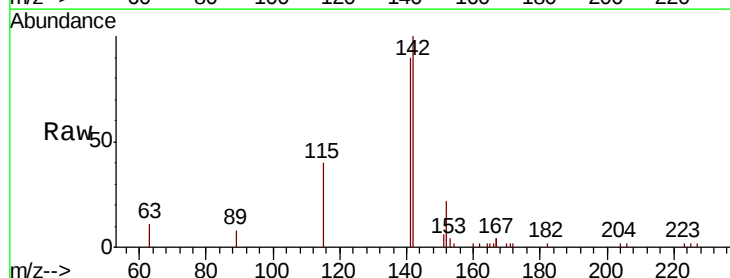
Tgt Ion:142 Resp: 9943

Ion Ratio Lower Upper

142 100

141 90.4 72.5 108.7

115 39.6 33.0 49.6

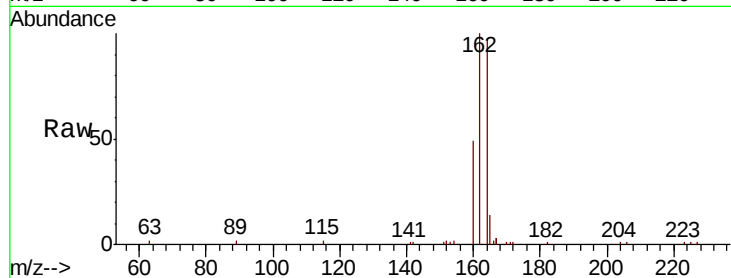




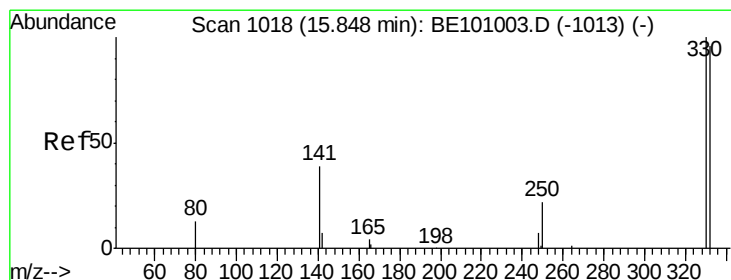
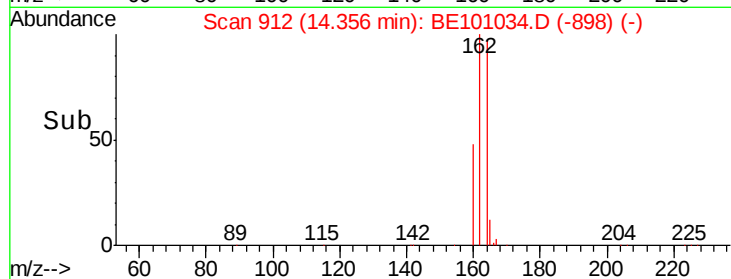
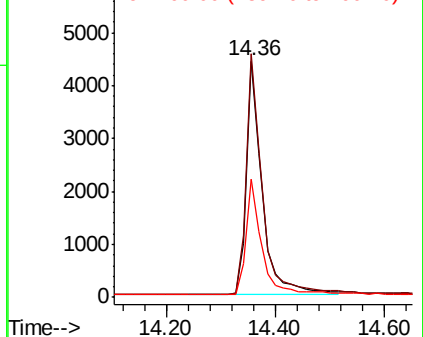
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 8846
Ion Ratio Lower Upper
164 100
162 103.2 84.1 126.1
160 50.3 40.4 60.6

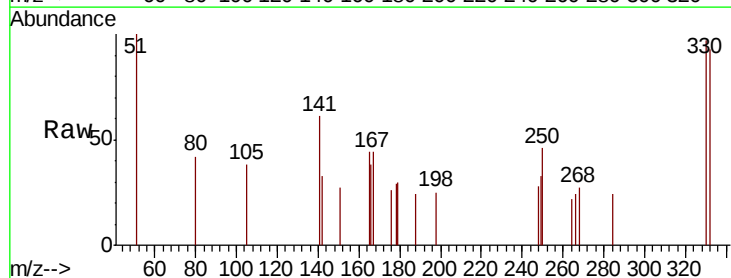


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

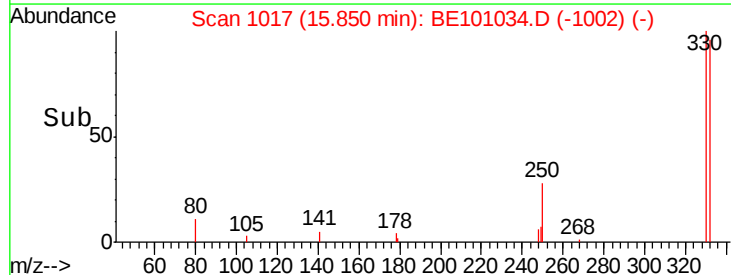
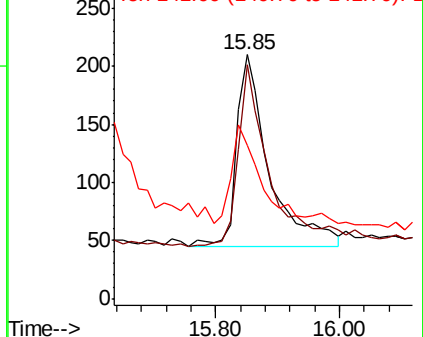


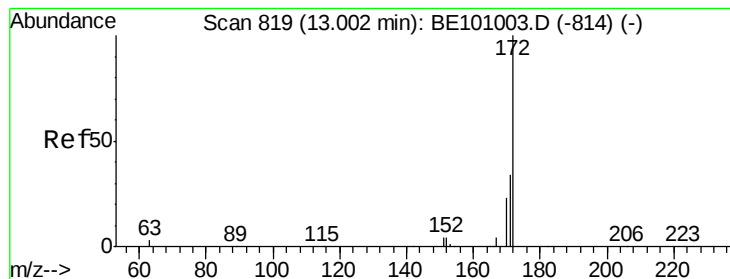
#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.85 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Tgt Ion:330 Resp: 601
Ion Ratio Lower Upper
330 100
332 92.2 78.4 117.6
141 44.4 37.0 55.4



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: 0.411 ng

RT: 13.00 min Scan# 818

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

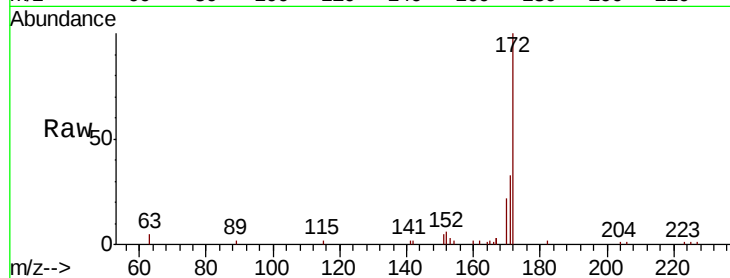
Tot Ion:172 Resp: 13820

Ion Ratio Lower Upper

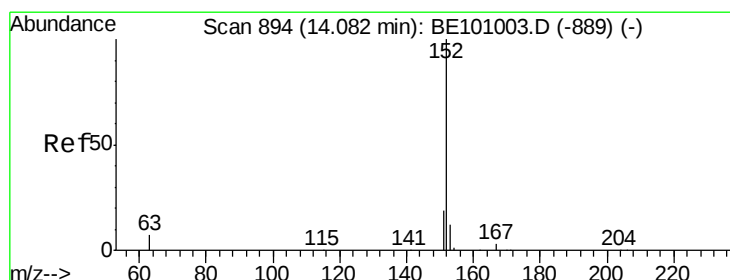
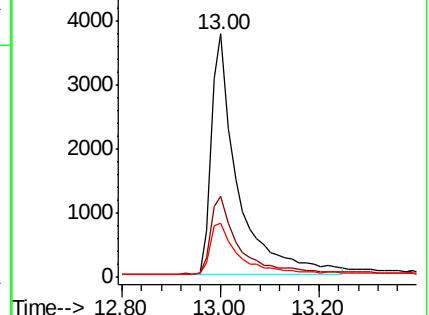
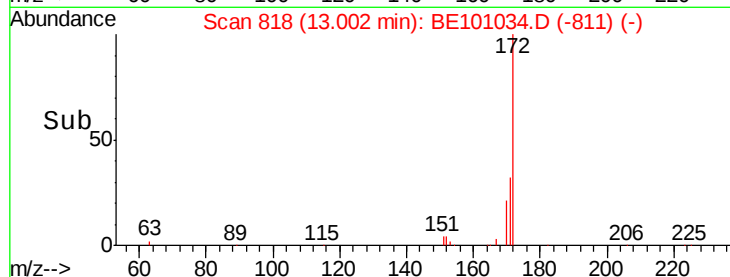
172 100

171 33.3 28.2 42.2

170 22.1 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: 0.279 ng

RT: 14.08 min Scan# 893

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

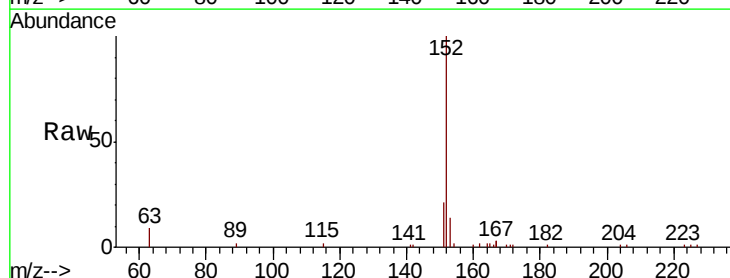
Tgt Ion:152 Resp: 10068

Ion Ratio Lower Upper

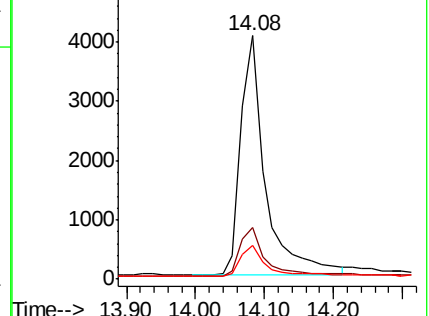
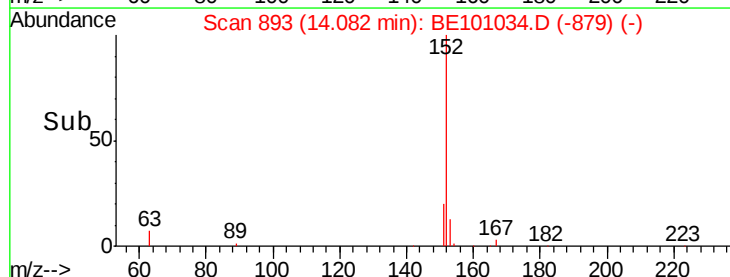
152 100

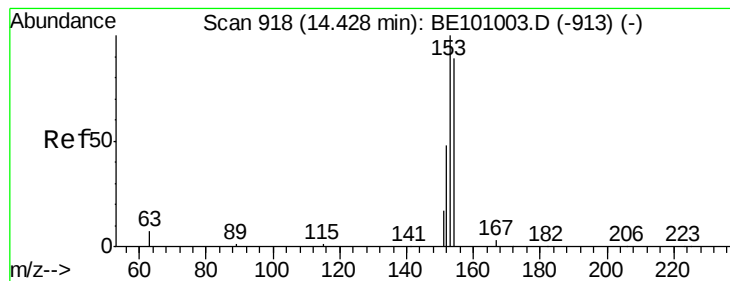
151 21.4 15.5 23.3

153 13.2 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: 0.392 ng

RT: 14.43 min Scan# 917

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

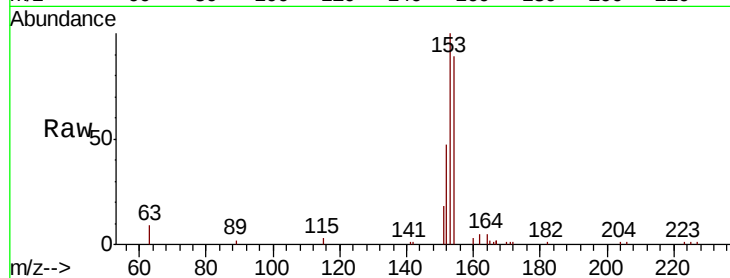
Tot Ion:154 Resp: 10097

Ion Ratio Lower Upper

154 100

153 115.6 93.6 140.4

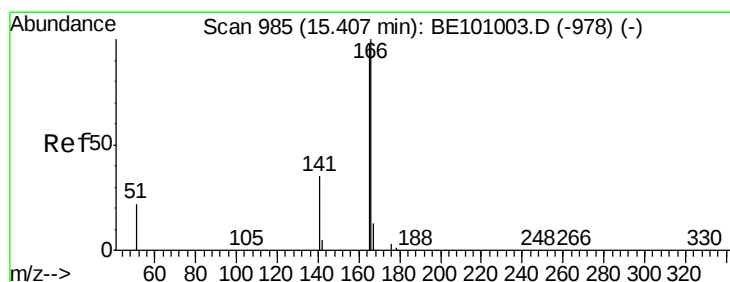
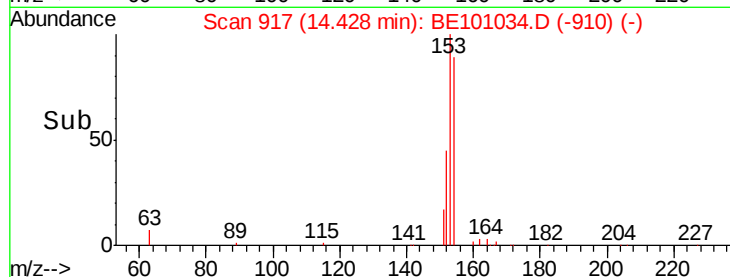
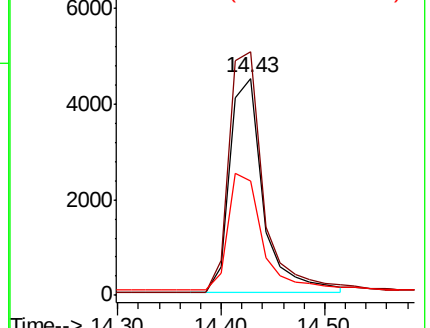
152 55.6 46.3 69.5



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: 0.391 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

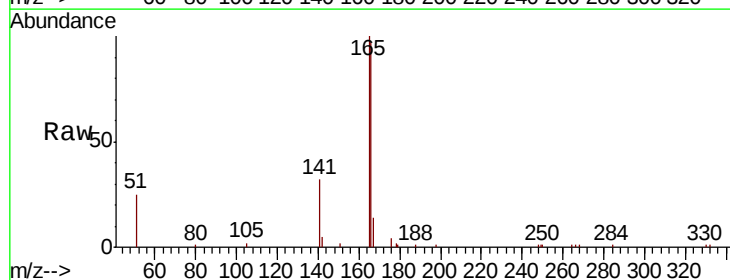
Tgt Ion:166 Resp: 12734

Ion Ratio Lower Upper

166 100

165 99.3 79.8 119.8

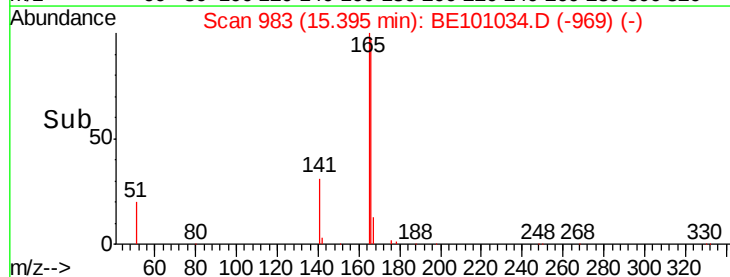
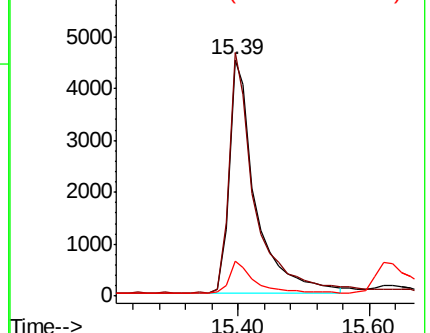
167 13.0 11.0 16.6



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

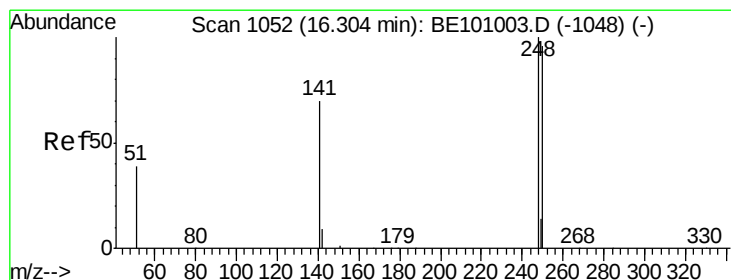
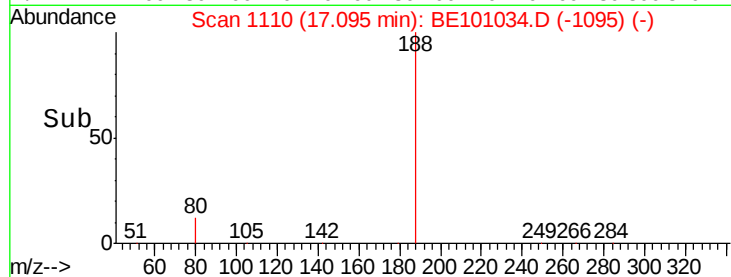
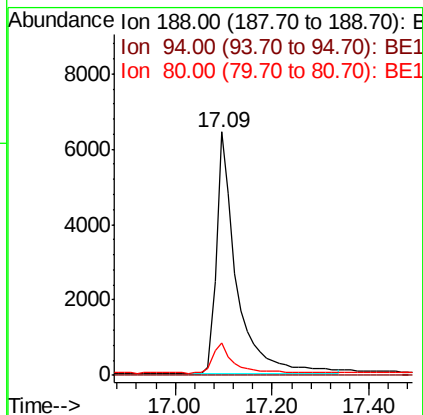




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BE101034.D
 Acq: 13 Jan 2020 10:53

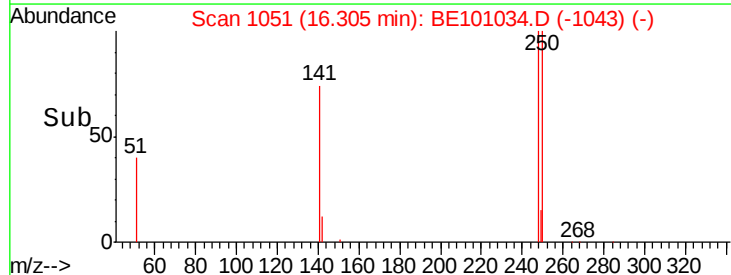
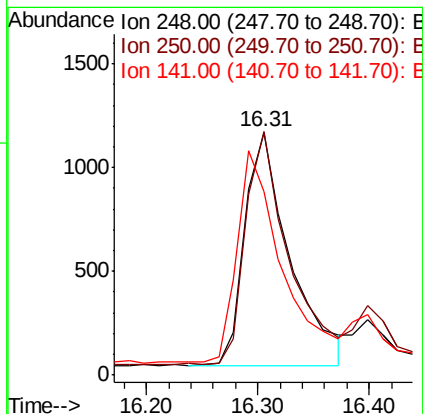
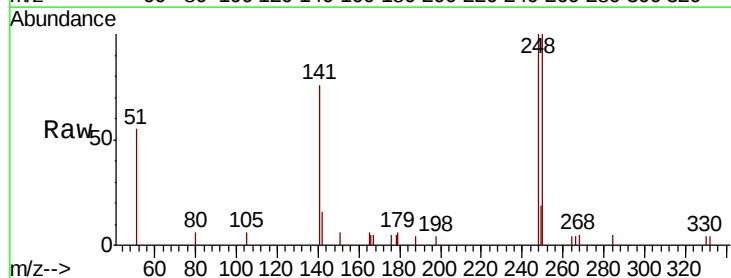
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:188 Resp: 18362
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 13.2 10.8 16.2



#20
 4-Bromophenyl-phenylether
 Concen: 0.353 ng
 RT: 16.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BE101034.D
 Acq: 13 Jan 2020 10:53

Tgt Ion:248 Resp: 3163
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.6 115.0
 141 75.7 57.7 86.5





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampled :

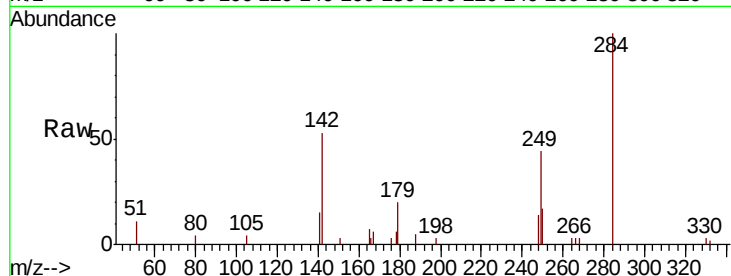
Tot Ion:284 Resp: 3968

Ion Ratio Lower Upper

284 100

142 43.9 34.0 51.0

249 36.2 28.2 42.4

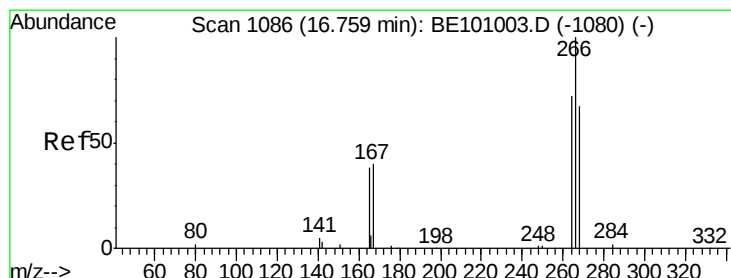
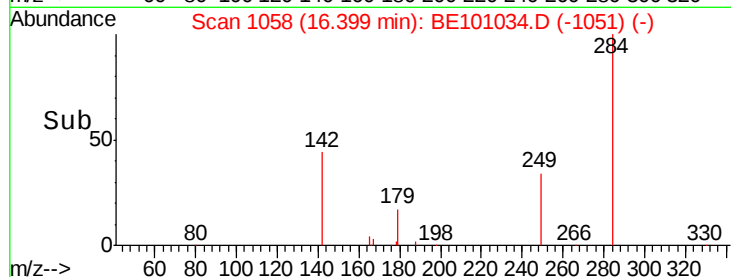
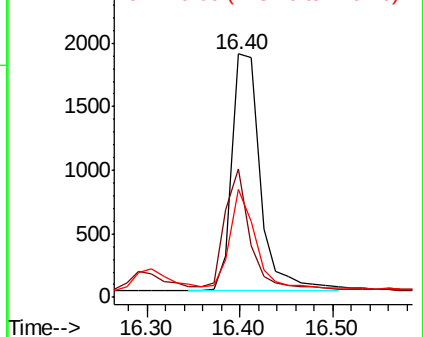


Abundance

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: 0.373 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

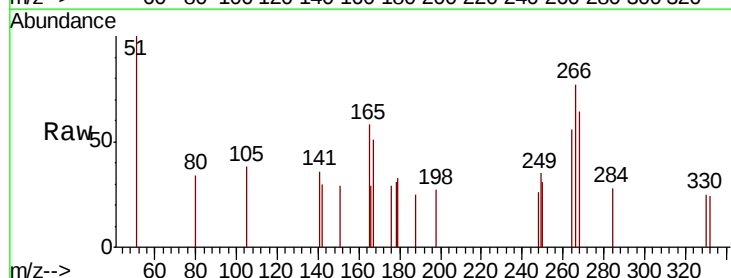
Tgt Ion:266 Resp: 423

Ion Ratio Lower Upper

266 100

264 73.0 61.0 91.4

268 82.9 58.5 87.7

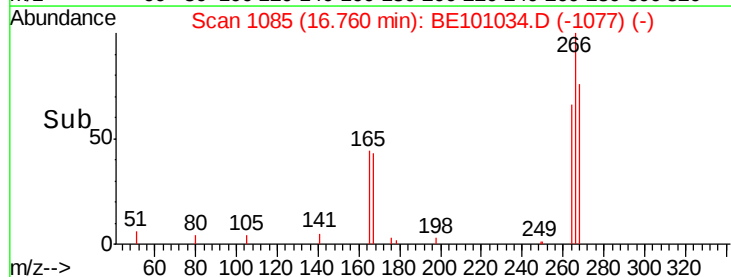
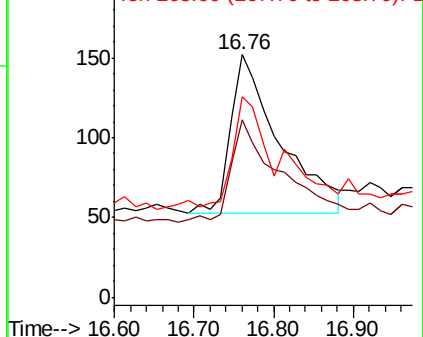


Abundance

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

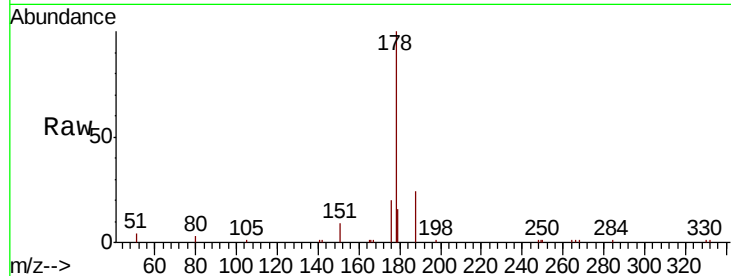




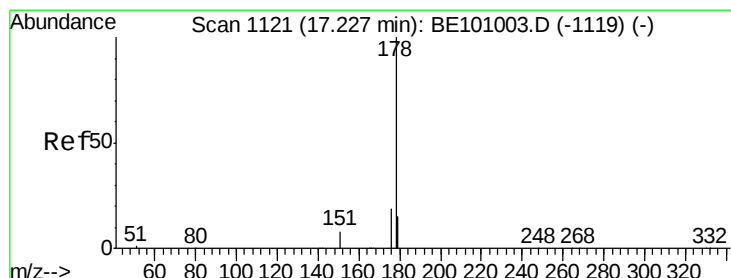
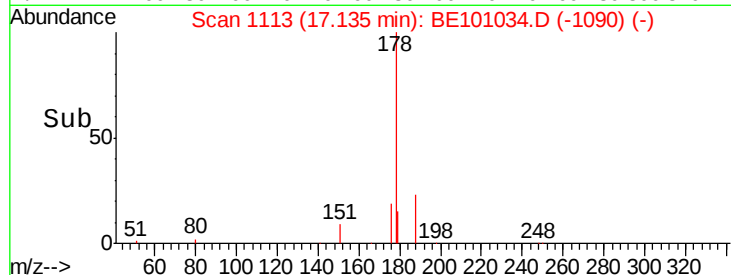
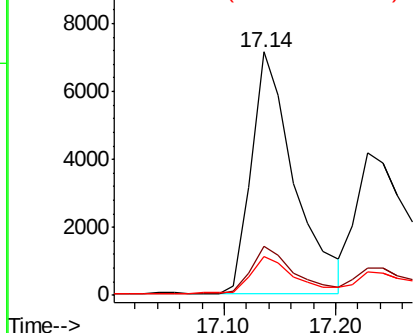
#23
Phenanthrene
Concen: 0.381 ng
RT: 17.14 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampled :

Tot Ion:178 Resp: 19107
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.1 12.0 18.0

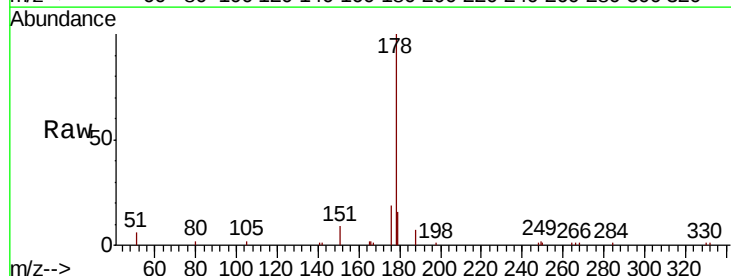


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

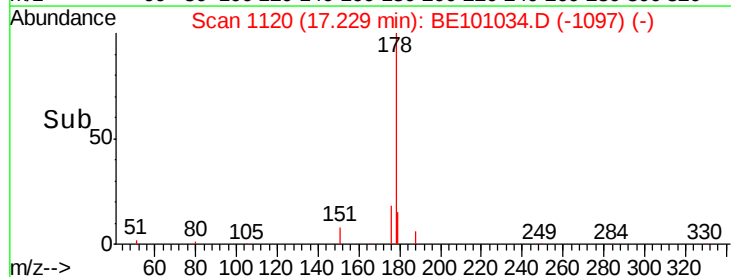
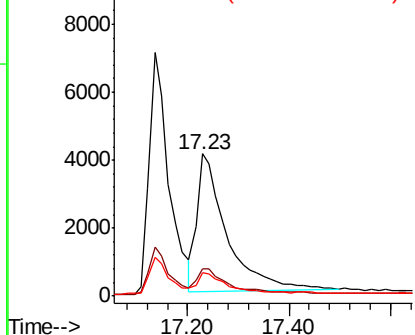


#24
Anthracene
Concen: 0.352 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Tgt Ion:178 Resp: 16676
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 13.6 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: 0.351 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

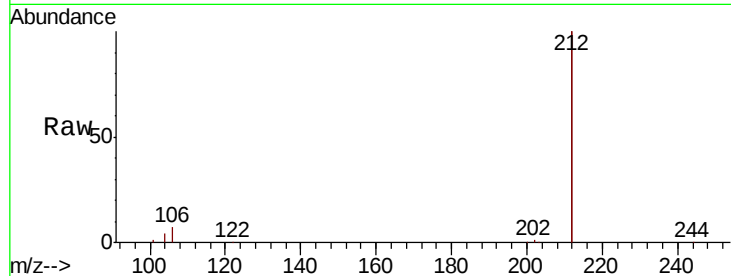
Tot Ion:212 Resp: 89451

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

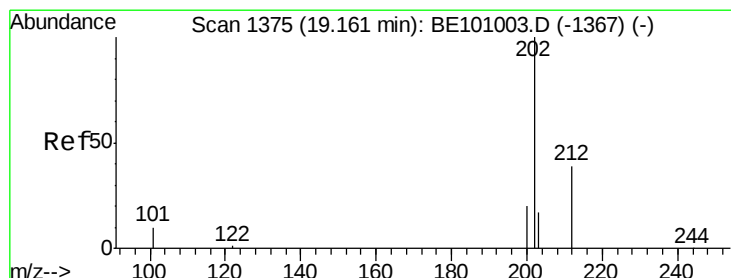
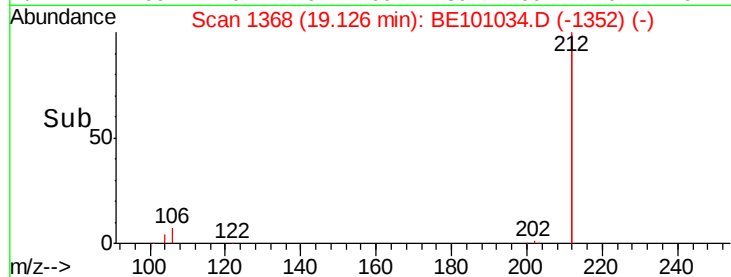
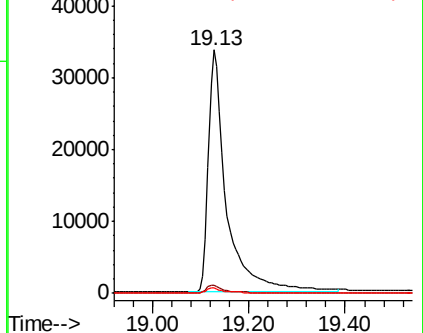
104 1.9 1.4 2.0



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: 0.345 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

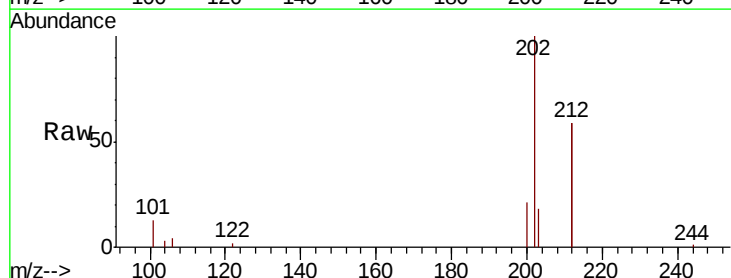
Tgt Ion:202 Resp: 21652

Ion Ratio Lower Upper

202 100

101 11.8 9.6 14.4

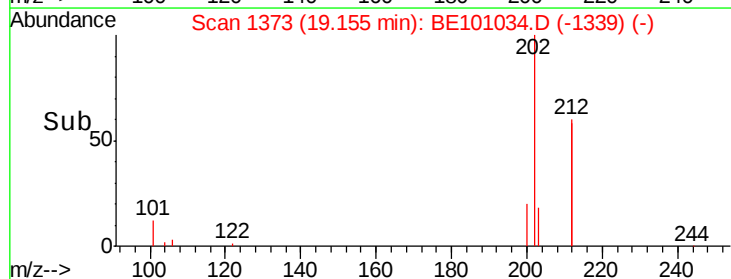
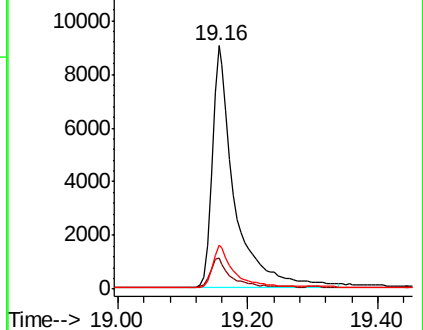
203 16.8 13.8 20.6



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: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

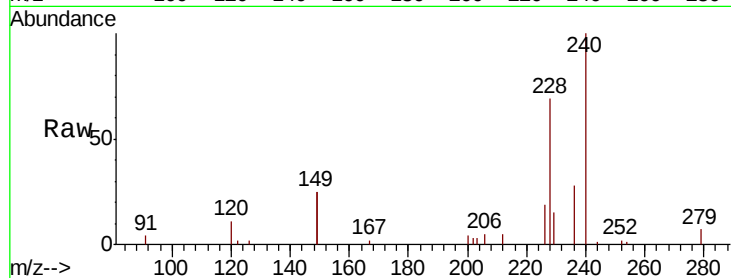
Tot Ion:240 Resp: 14913

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

236 27.9 22.2 33.4

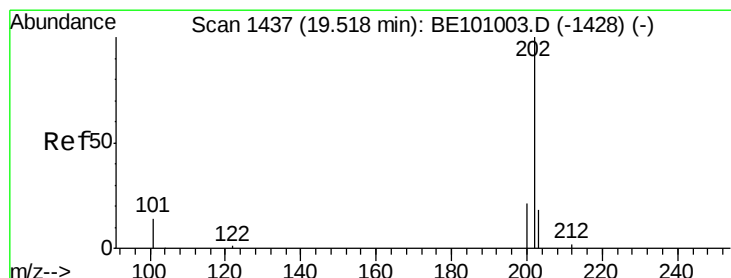
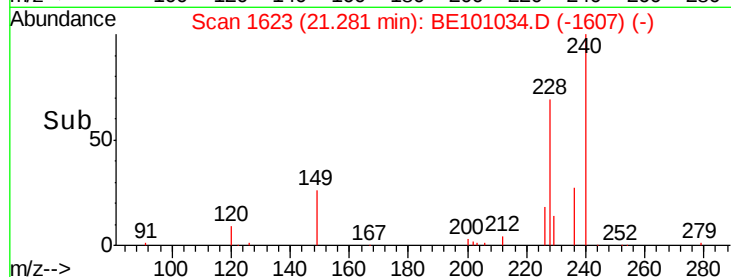
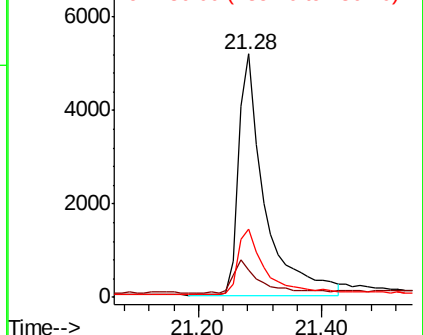


Abundance

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: 0.386 ng

RT: 19.52 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

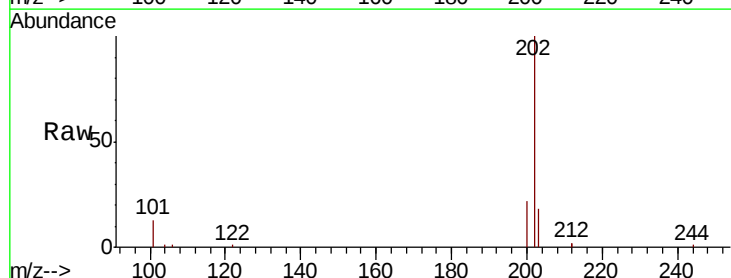
Tgt Ion:202 Resp: 21413

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 17.1 13.8 20.6

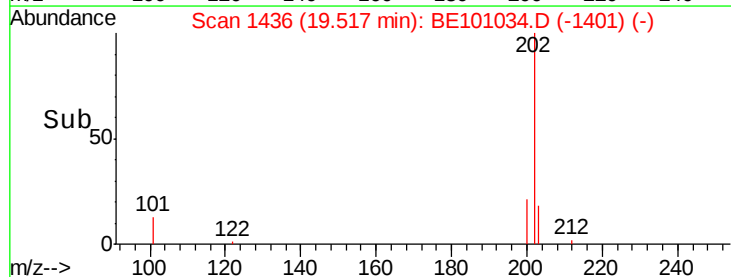
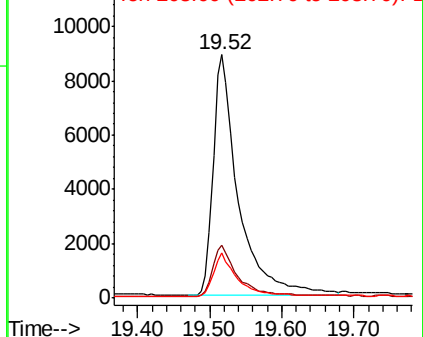


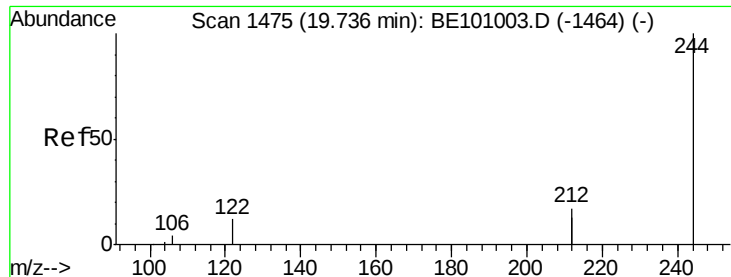
Abundance

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: 0.409 ng

RT: 19.74 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

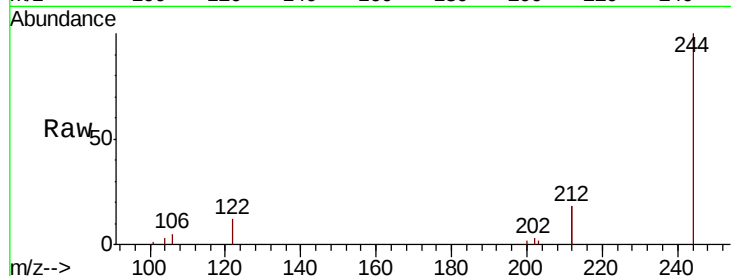
Tot Ion:244 Resp: 14982

Ion Ratio Lower Upper

244 100

212 36.0 27.2 40.8

122 12.4 9.8 14.8

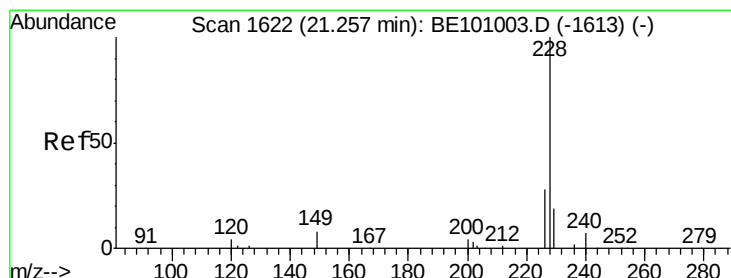
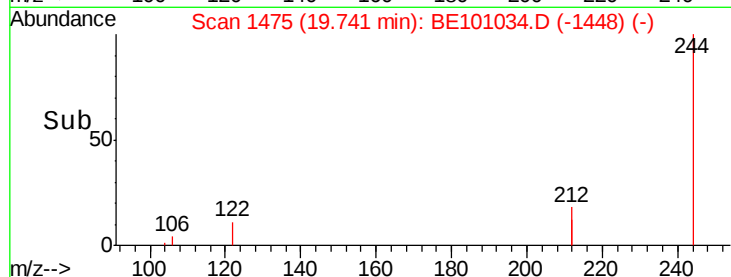
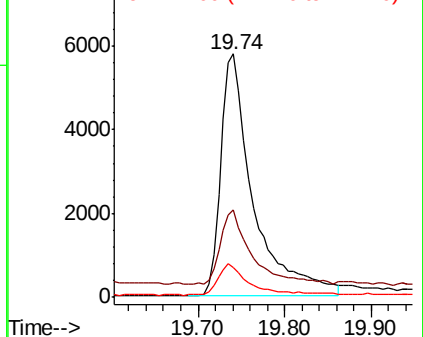


Abundance

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: 0.301 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

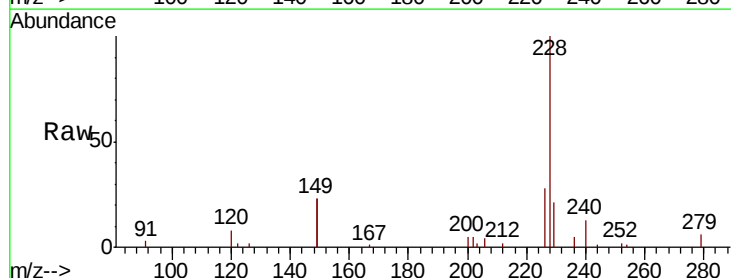
Tgt Ion:228 Resp: 12814

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

229 20.9 15.5 23.3

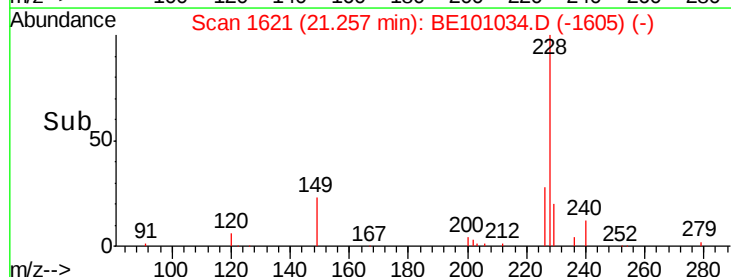
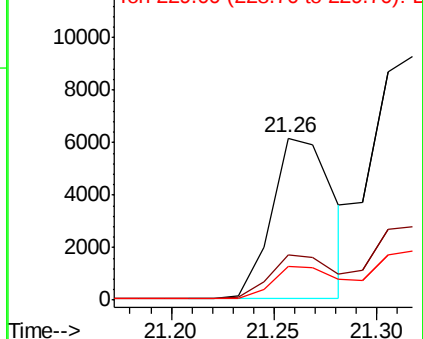


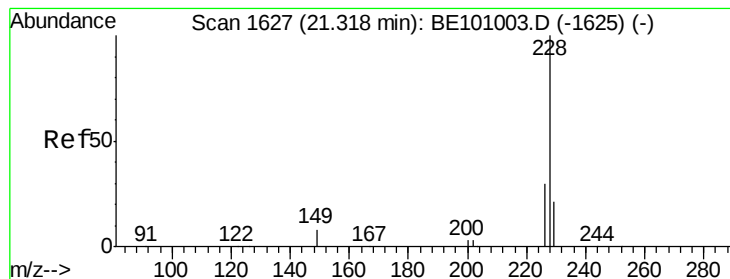
Abundance

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: 0.469 ng

RT: 21.32 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

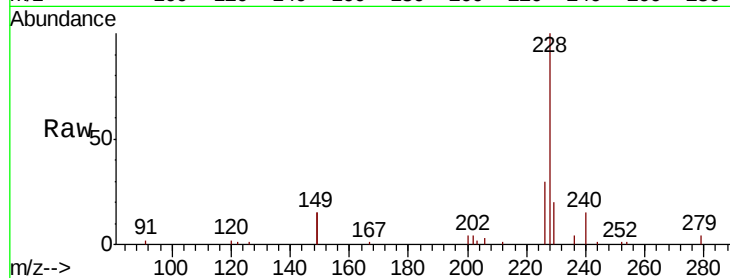
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 29687

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	20.1	16.7	25.1

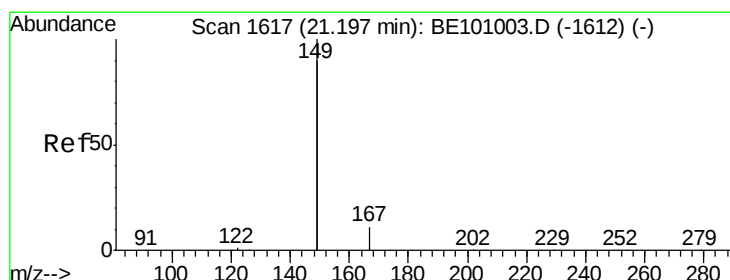
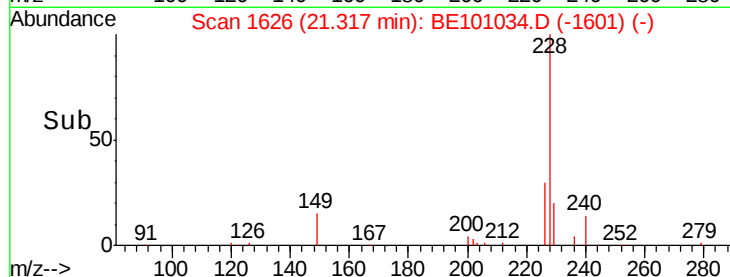
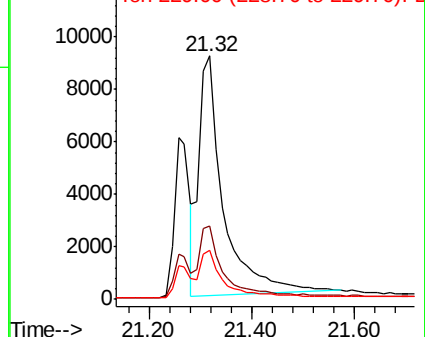


Abundance

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: 0.305 ng

RT: 21.20 min Scan# 1616

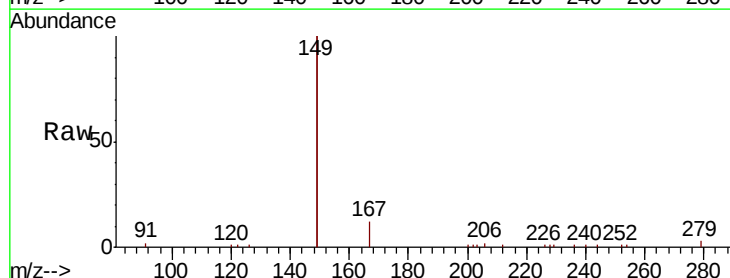
Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Tgt Ion:149 Resp: 21661

Ion	Ratio	Lower	Upper
149	100		
167	6.1	5.2	7.8
279	1.4	0.8	1.2

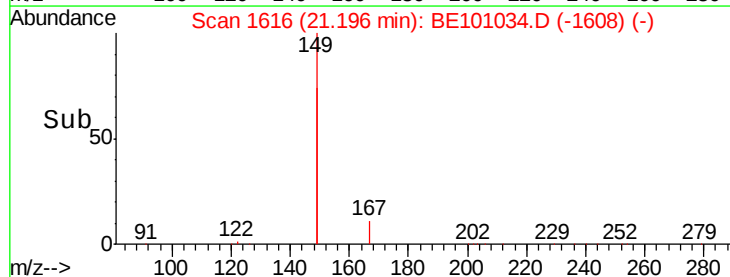
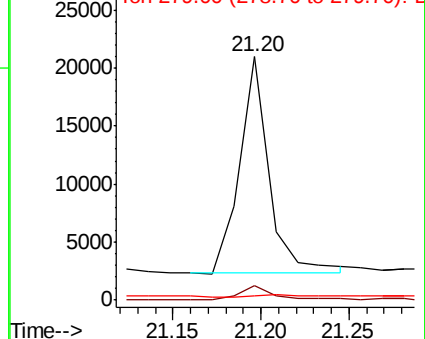


Abundance

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

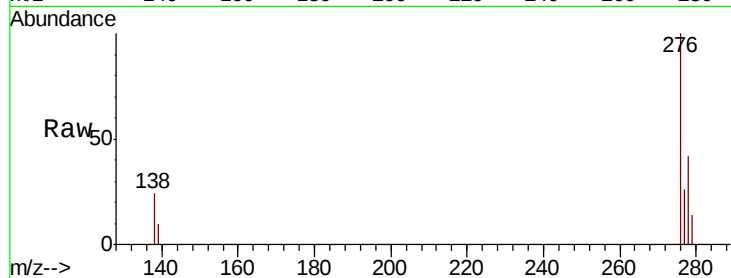




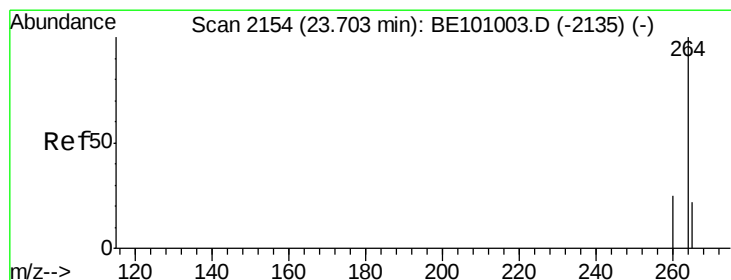
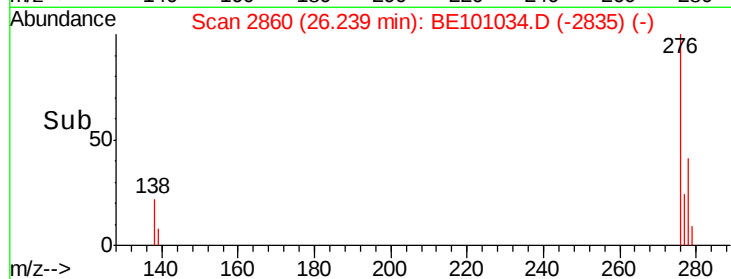
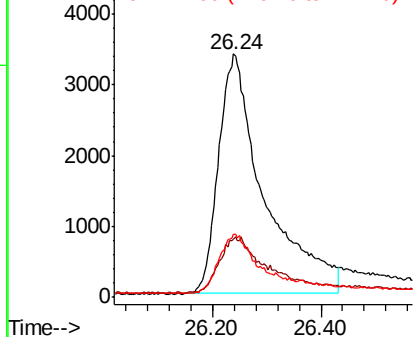
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 26.24 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BE101034.D
 Acq: 13 Jan 2020 10:53

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 19741
 Ion Ratio Lower Upper
 276 100
 138 22.0 16.1 24.1
 277 22.1 18.1 27.1

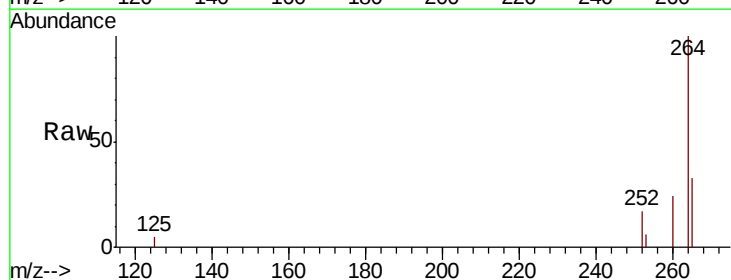


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

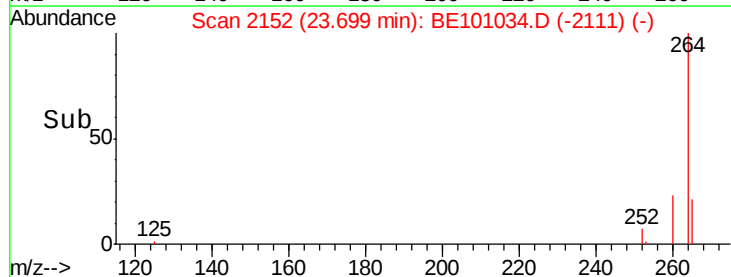
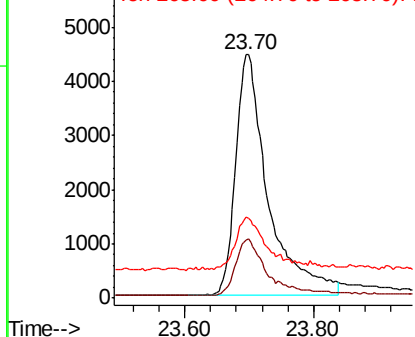


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.70 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BE101034.D
 Acq: 13 Jan 2020 10:53

Tgt Ion:264 Resp: 15602
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.3 30.5
 265 33.0 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

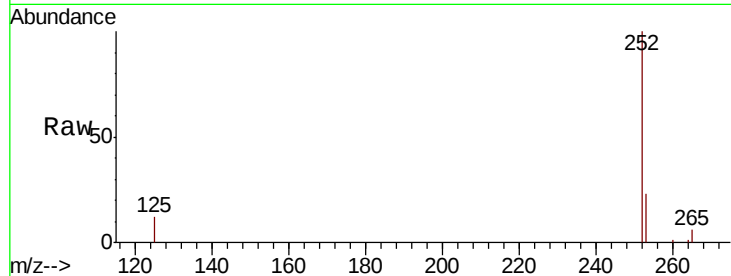




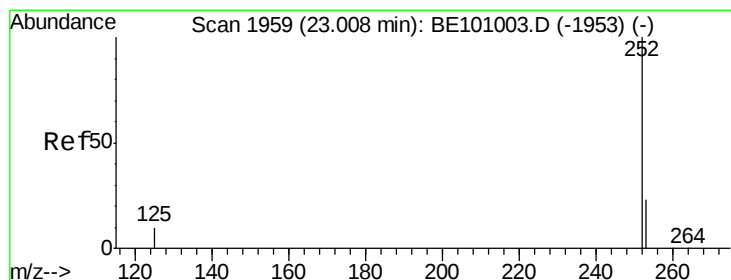
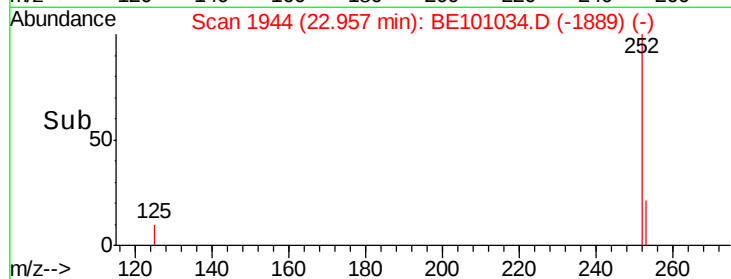
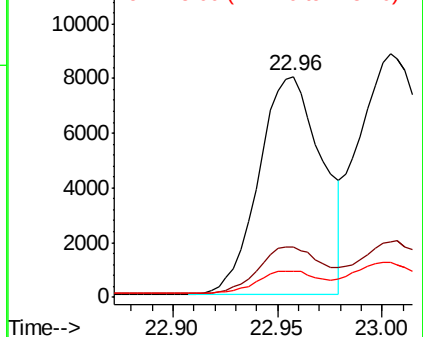
#35
Benzo(b)fluoranthene
Concen: 0.383 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 16742
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 11.7 9.5 14.3

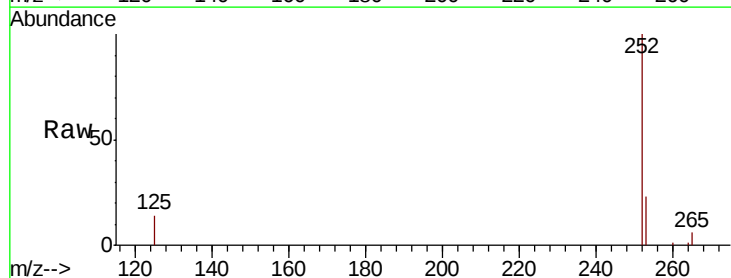


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

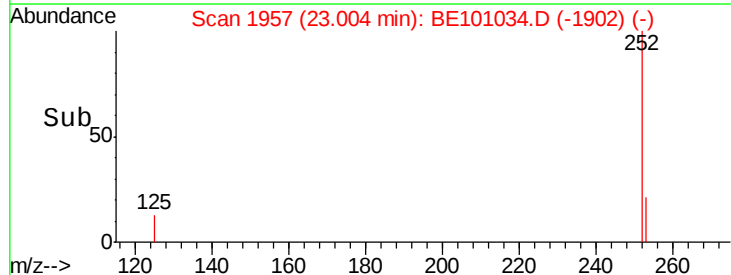
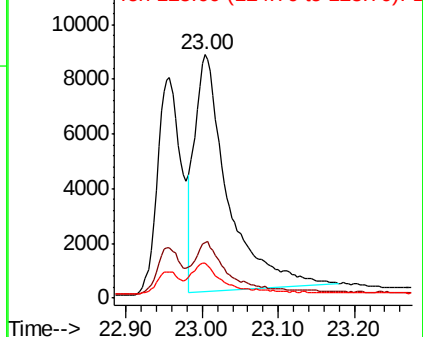


#36
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.00 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE101034.D
Acq: 13 Jan 2020 10:53

Tgt Ion:252 Resp: 26148
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 14.1 10.1 15.1



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





#37

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.59 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :

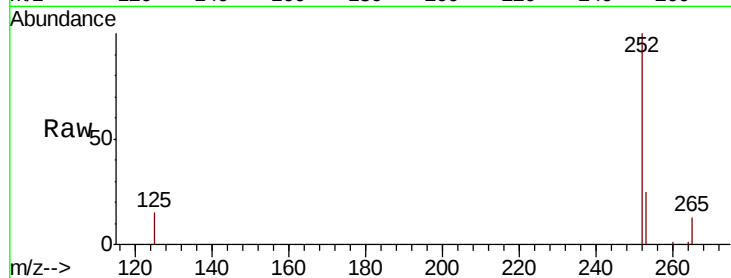
Tot Ion:252 Resp: 15496

Ion Ratio Lower Upper

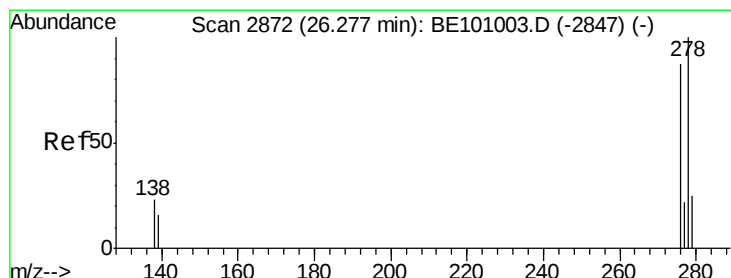
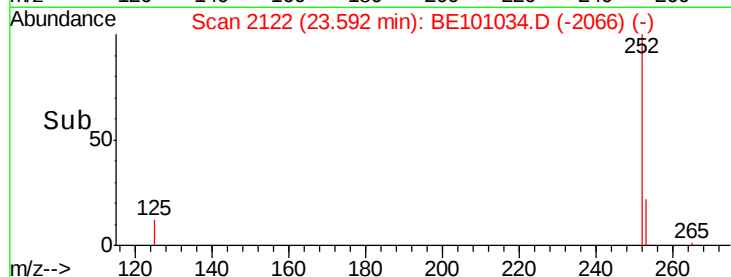
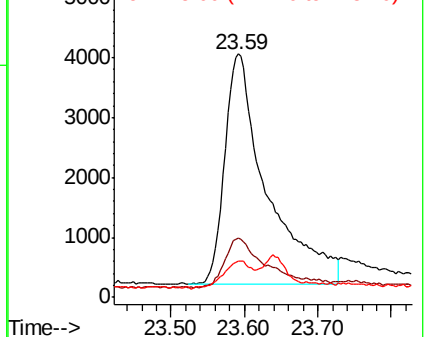
252 100

253 24.5 19.4 29.2

125 15.1 11.8 17.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.393 ng

RT: 26.26 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

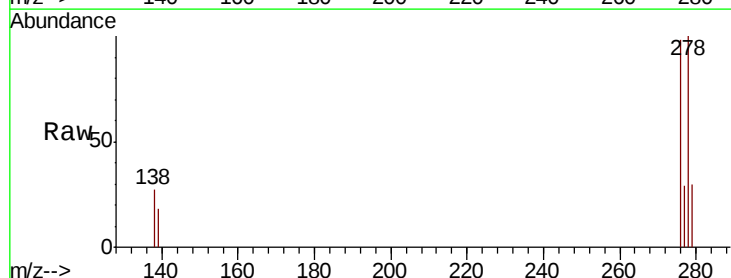
Tgt Ion:278 Resp: 15292

Ion Ratio Lower Upper

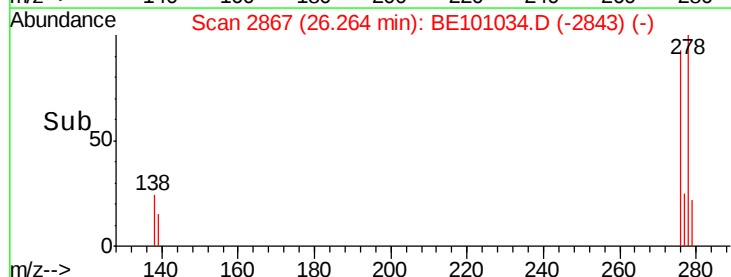
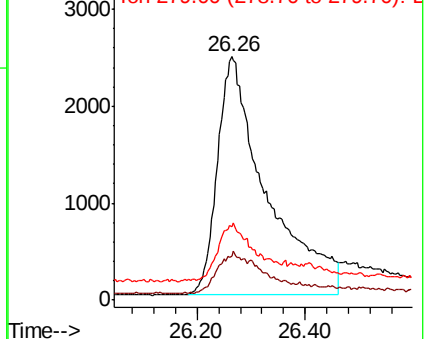
278 100

139 18.1 15.0 22.4

279 30.1 22.6 33.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.410 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

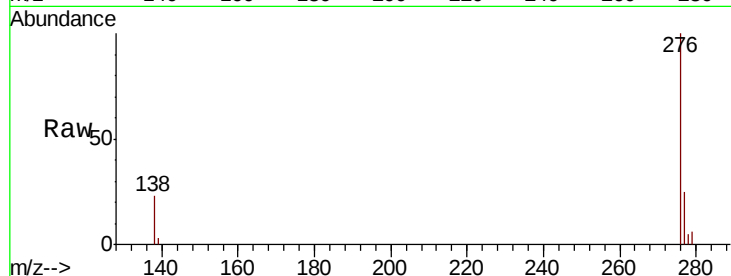
Lab File: BE101034.D

Acq: 13 Jan 2020 10:53

Instrument :

BNA_E

ClientSampleId :



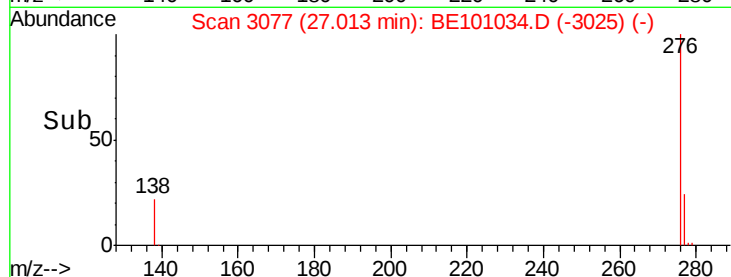
Tot Ion: 276 Resp: 19640

Ion Ratio Lower Upper

276 100

277 25.3 19.4 29.2

138 23.1 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

