

Data File : BE101084.D
Acq On : 16 Jan 2020 20:54
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 17 07:47:42 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	3244	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	14534	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9314	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	21353	0.40	ng	0.00
27) Chrysene-d12	21.27	240	21111	0.40	ng	-0.01
34) Perylene-d12	23.69	264	25512	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	3580	0.49	ng	-0.01
5) Phenol-d6	6.91	99	4379	0.47	ng	-0.01
8) Nitrobenzene-d5	8.86	82	4206	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	13952	0.50	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	972	0.37	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	13633	0.39	ng	-0.02
25) Fluoranthene-d10	19.12	212	163301	0.55	ng	-0.01
29) Terphenyl-d14	19.72	244	19741	0.38	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	2881	0.354	ng	97
3) n-Nitrosodimethylamine	3.60	42	1793	0.398	ng	# 84
6) bis(2-Chloroethyl)ether	7.15	93	4386	0.399	ng	91
9) Naphthalene	10.54	128	67714	0.420	ng	100
10) Hexachlorobutadiene	10.83	225	2979	0.436	ng	99
12) 2-Methylnaphthalene	12.17	142	10457	0.428	ng	96
16) Acenaphthylene	14.07	152	16192	0.427	ng	99
17) Acenaphthene	14.41	154	11349	0.418	ng	97
18) Fluorene	15.39	166	14164	0.413	ng	99
20) 4-Bromophenyl-phenylether	16.29	248	4405	0.423	ng	99
21) Hexachlorobenzene	16.40	284	4513	0.395	ng	100
22) Pentachlorophenol	16.76	266	303	0.326	ng	# 89
23) Phenanthrene	17.13	178	22914	0.393	ng	99
24) Anthracene	17.23	178	23627	0.429	ng	100
26) Fluoranthene	19.15	202	30376	0.416	ng	99
28) Pyrene	19.51	202	31555	0.402	ng	99
30) Benzo(a)anthracene	21.26	228	28408	0.472	ng	99
31) Chrysene	21.30	228	36345	0.406	ng	97
32) Bis(2-ethylhexyl)phthalate	21.20	149	77011	0.767	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	37760	0.534	ng	# 92
35) Benzo(b)fluoranthene	22.95	252	29148	0.407	ng	98
36) Benzo(k)fluoranthene	22.95	252	29148	0.281	ng	98
37) Benzo(a)pyrene	23.58	252	30613	0.442	ng	# 95
38) Dibenzo(a,h)anthracene	26.26	278	28685	0.451	ng	# 73
39) Benzo(g,h,i)perylene	27.01	276	30754	0.393	ng	97

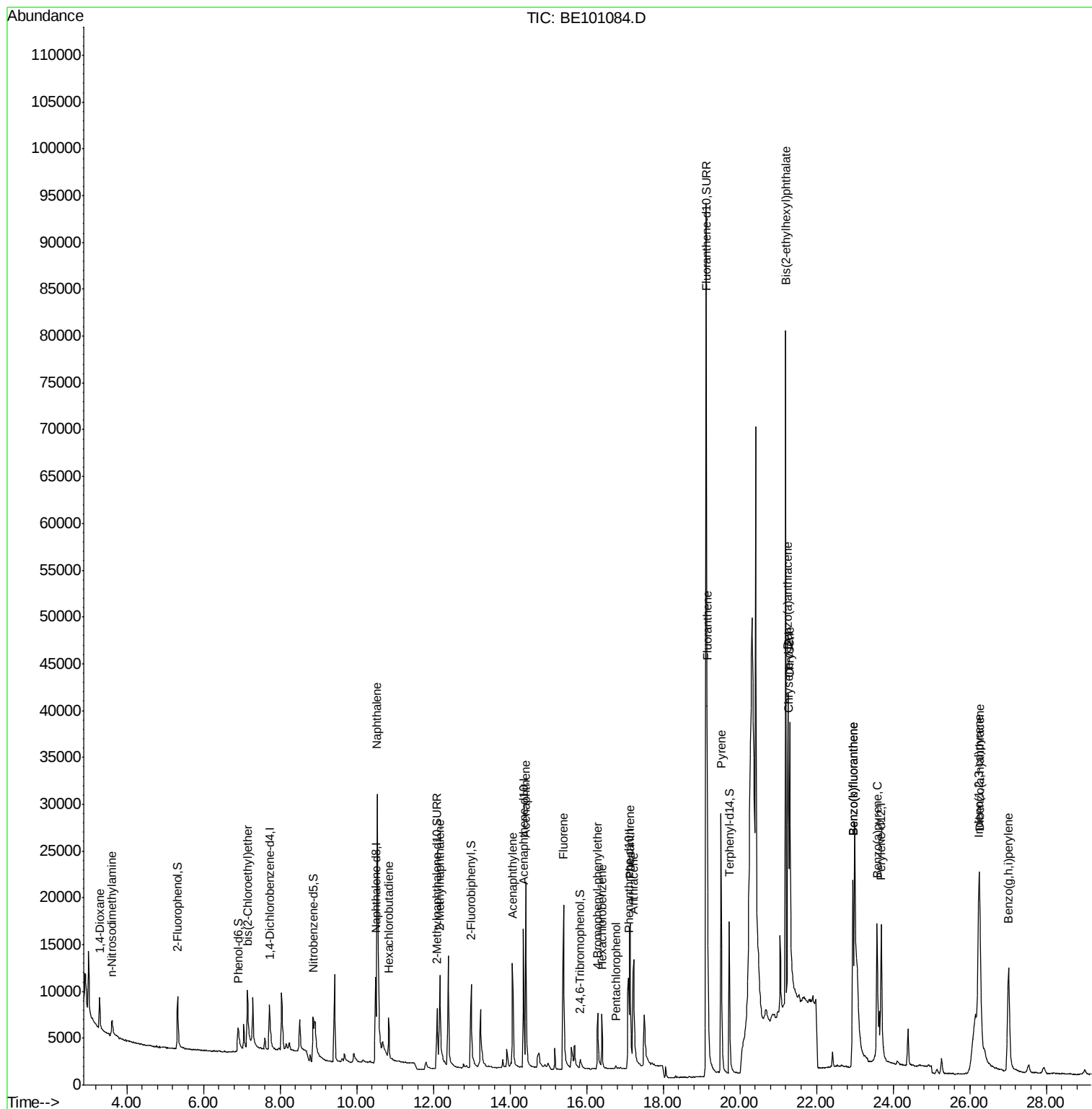
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BE101084.D

```
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Operator     : JU
Sample       : SSTCCCC0.4
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ALS Vial     : 2      Sample Multipl
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ClientSampleId :
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Quant Time: Jan 17 07:47:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M
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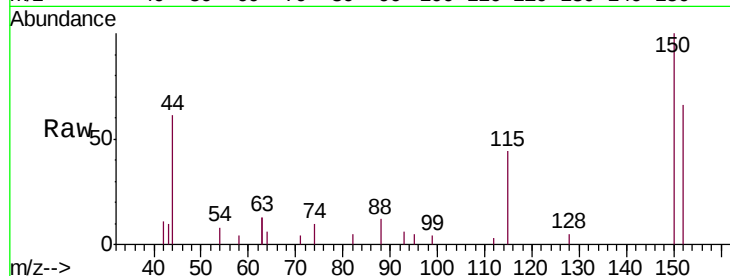


#1

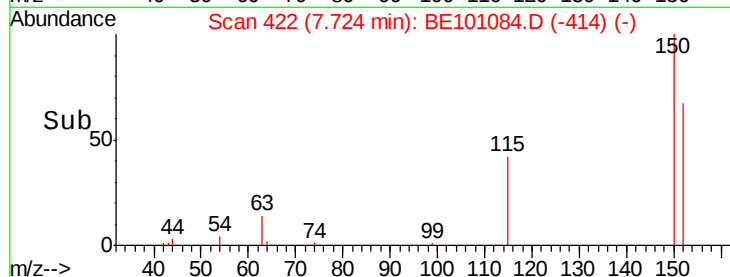
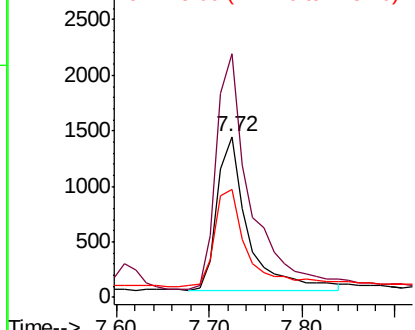
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 152 Resp: 3244
Ion Ratio Lower Upper
152 100
150 151.8 120.3 180.5
115 67.4 51.7 77.5



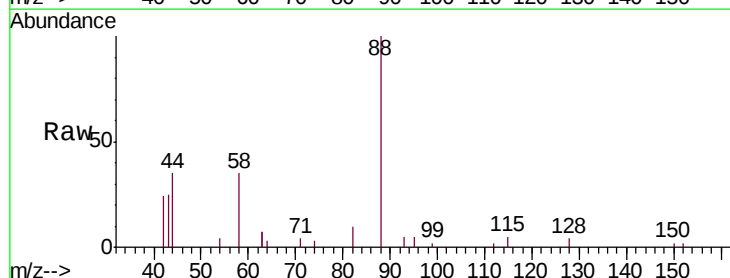
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



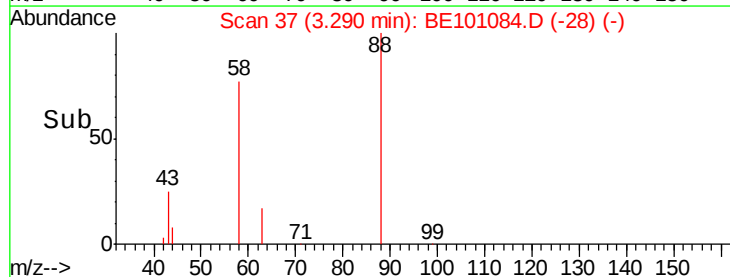
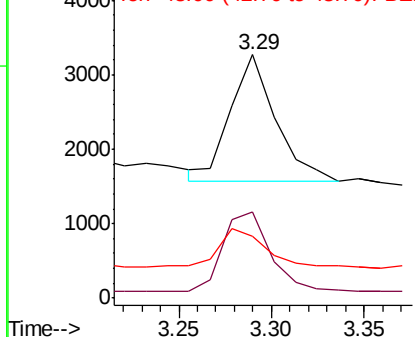
#2

1,4-Dioxane
Concen: 0.354 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

Tgt Ion: 88 Resp: 2881
Ion Ratio Lower Upper
88 100
58 67.8 53.0 79.4
43 31.4 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: 0.398 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

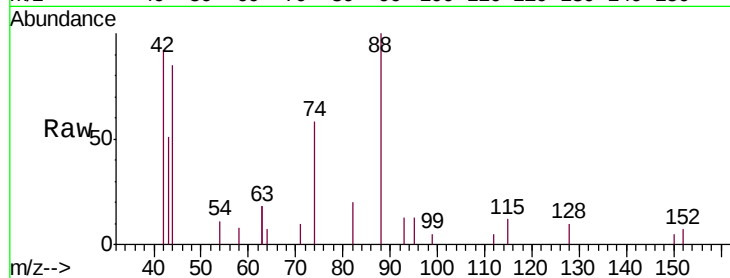
Tgt Ion: 42 Resp: 1793

Ion Ratio Lower Upper

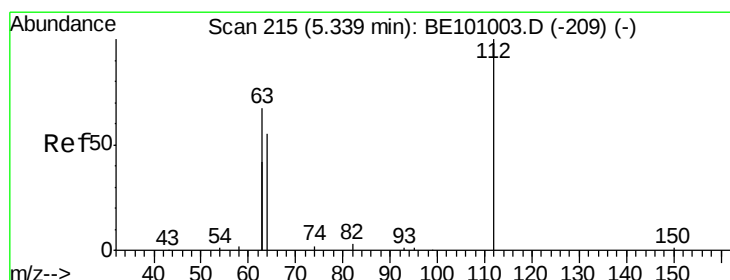
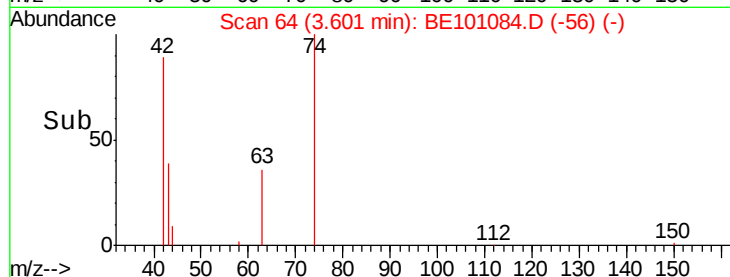
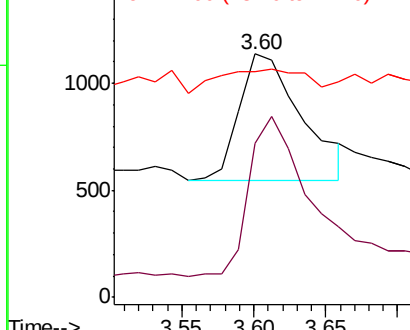
42 100

74 116.0 105.7 158.5

44 26.9 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: 0.490 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

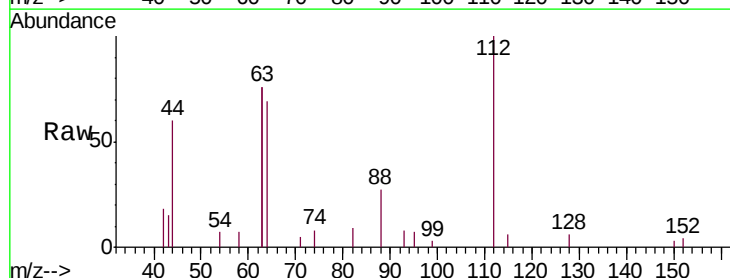
Tgt Ion: 112 Resp: 3580

Ion Ratio Lower Upper

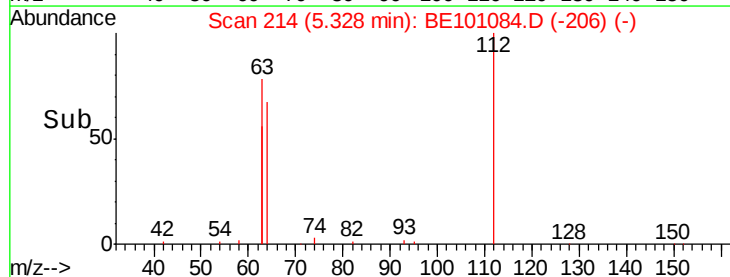
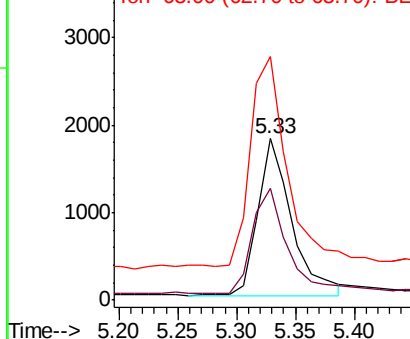
112 100

64 70.1 53.6 80.4

63 146.3 114.6 172.0



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: 0.474 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

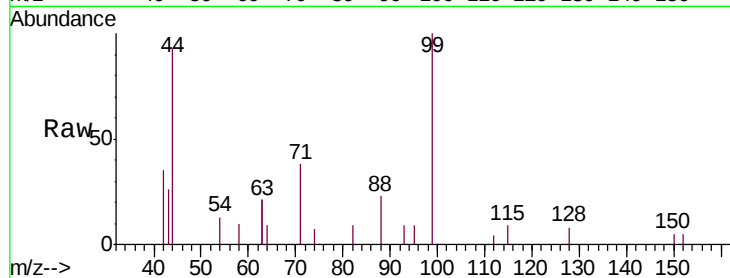
Tgt Ion: 99 Resp: 4379

Ion Ratio Lower Upper

99 100

42 20.7 18.3 27.5

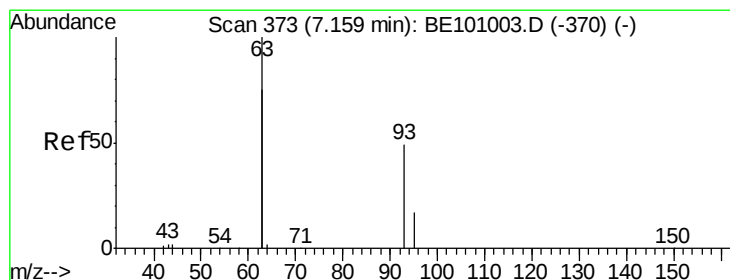
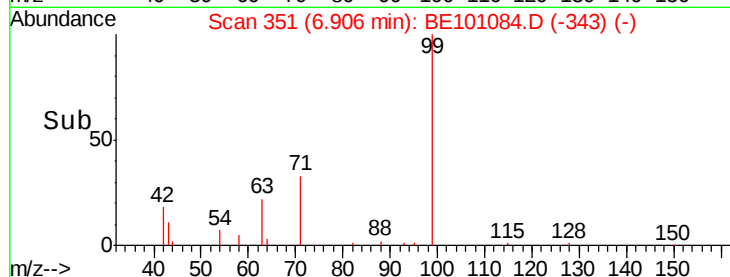
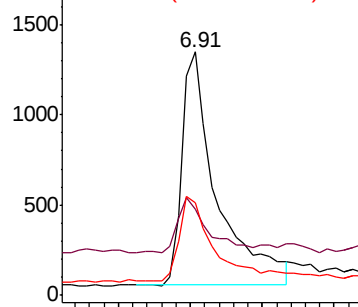
71 36.7 28.0 42.0



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: 0.399 ng

RT: 7.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

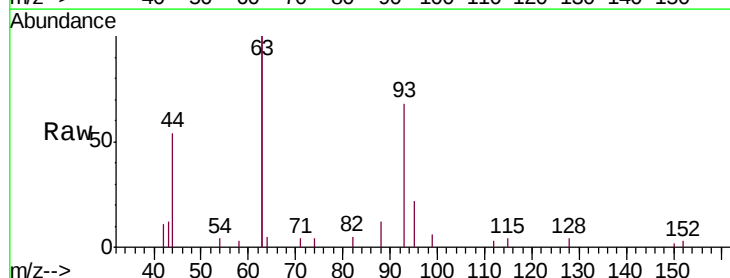
Tgt Ion: 93 Resp: 4386

Ion Ratio Lower Upper

93 100

63 274.2 233.9 350.9

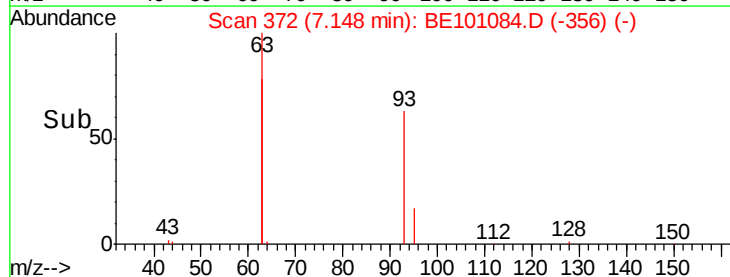
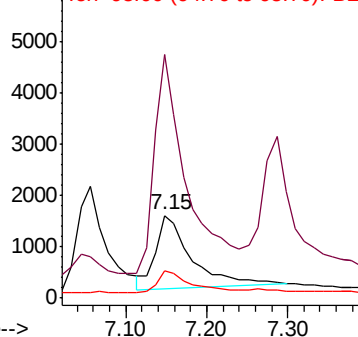
95 34.4 23.5 35.3



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: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

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ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:136 Resp: 14534

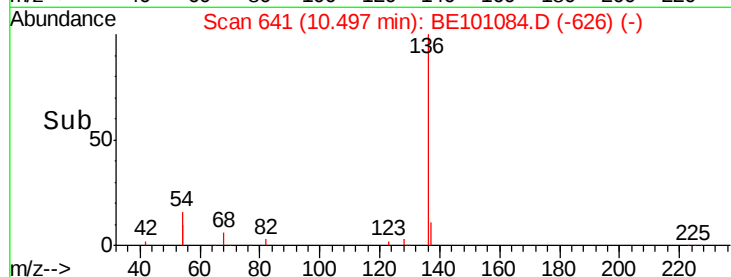
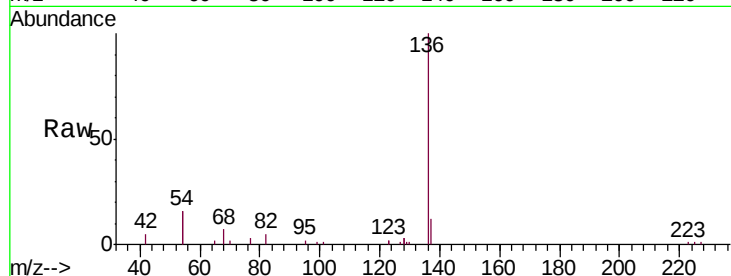
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 31.1 36.8 55.2#

68 7.3 8.4 12.6#

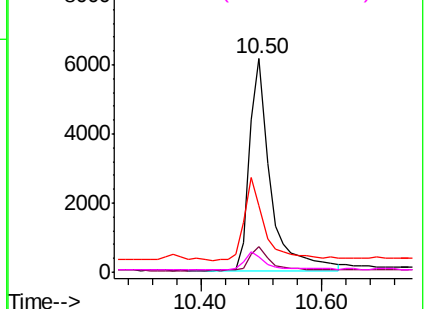


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.405 ng

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

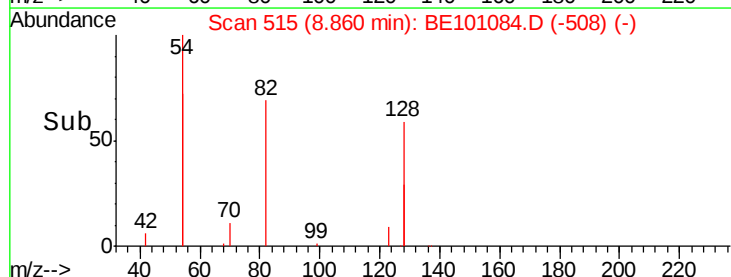
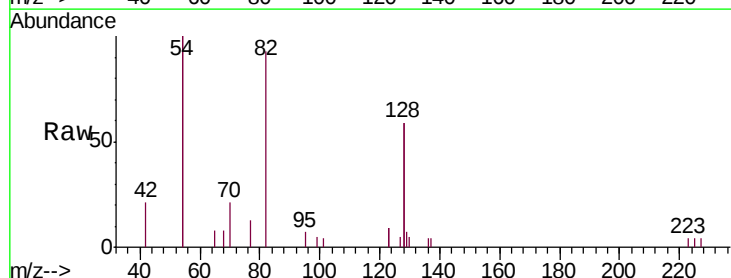
Tgt Ion: 82 Resp: 4206

Ion Ratio Lower Upper

82 100

128 126.6 109.8 164.6

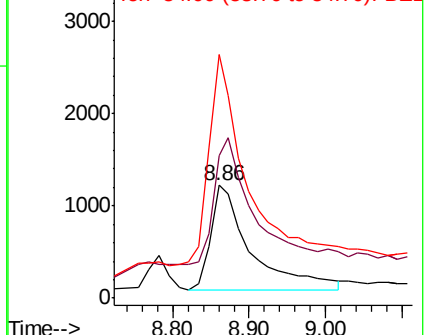
54 216.2 174.5 261.7

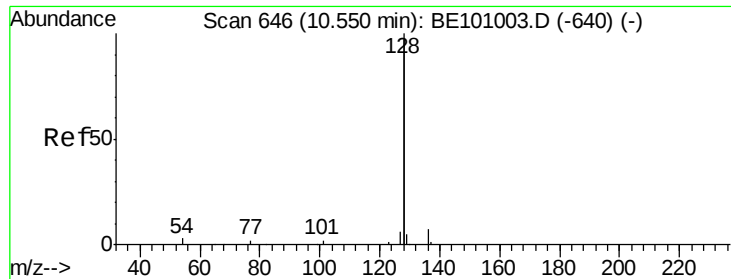


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.420 ng

RT: 10.54 min Scan# 644

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

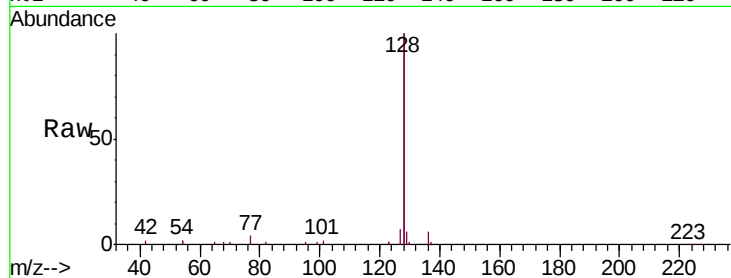
Tgt Ion:128 Resp: 67714

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

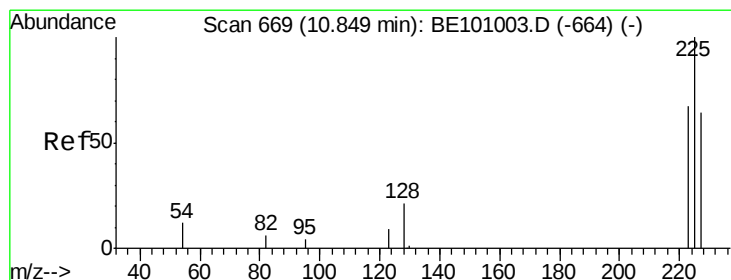
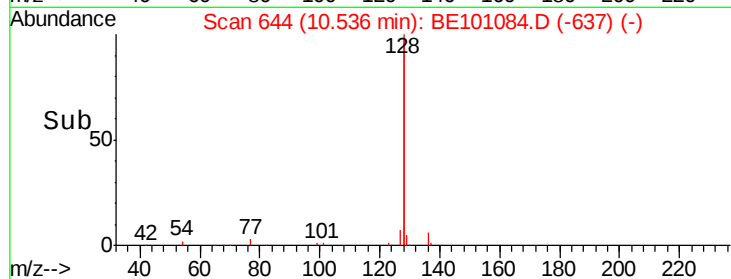
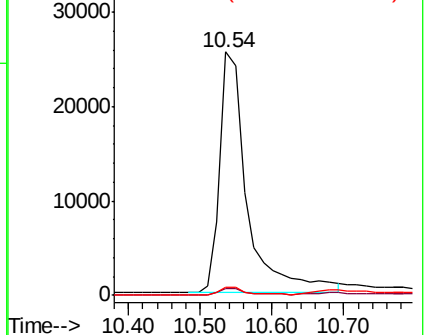
127 3.5 2.7 4.1



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: 0.436 ng

RT: 10.83 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

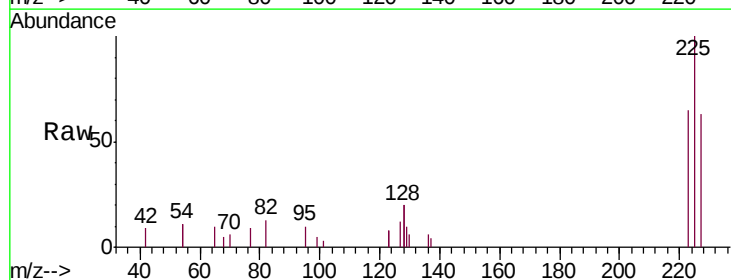
Tgt Ion:225 Resp: 2979

Ion Ratio Lower Upper

225 100

223 64.1 52.2 78.4

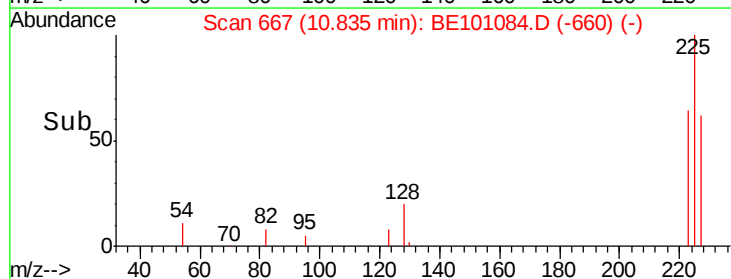
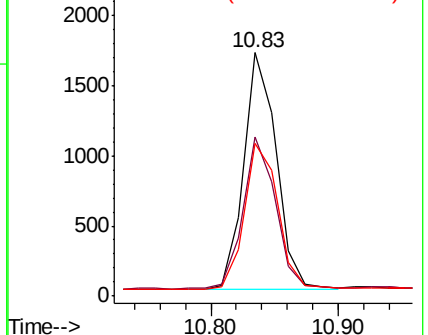
227 62.9 49.9 74.9

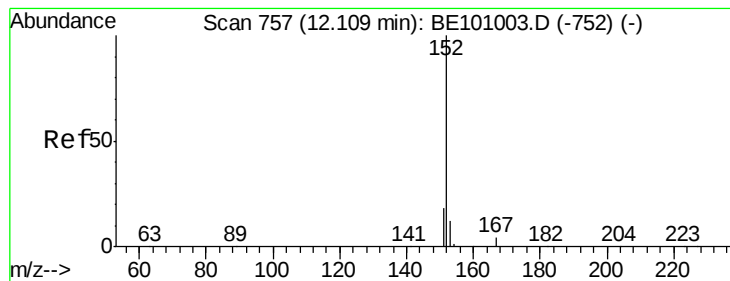


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.503 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

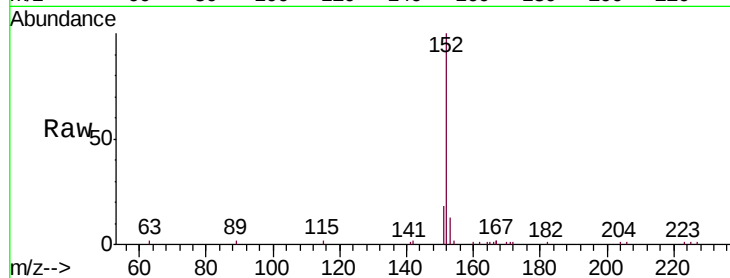
SSTDCCC0.4EC

Tgt Ion:152 Resp: 13952

Ion Ratio Lower Upper

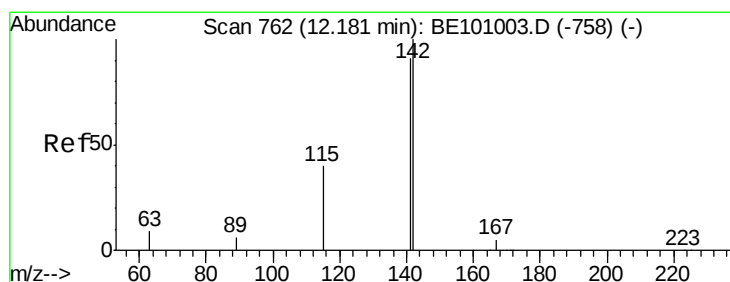
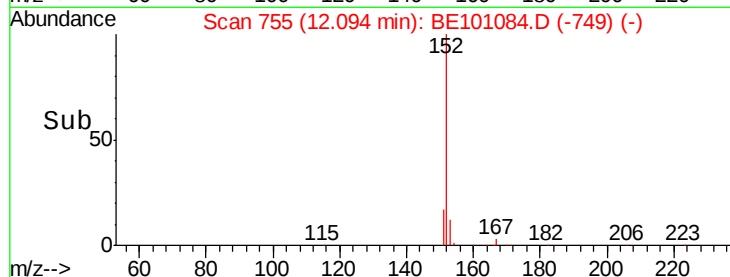
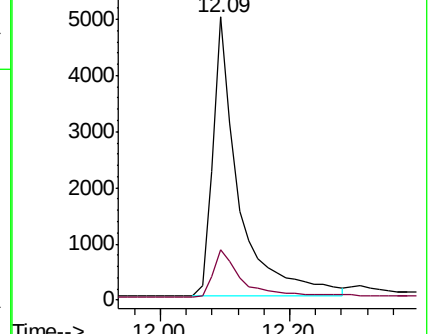
152 100

151 19.2 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: 0.428 ng

RT: 12.17 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

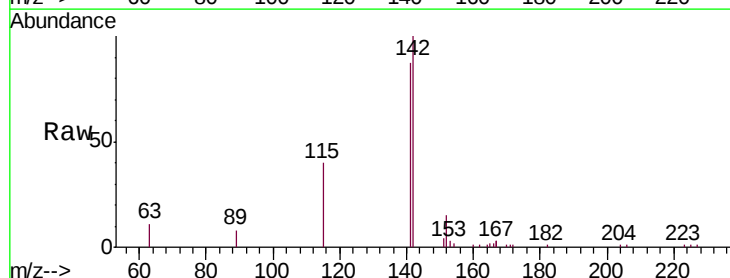
Tgt Ion:142 Resp: 10457

Ion Ratio Lower Upper

142 100

141 86.9 72.5 108.7

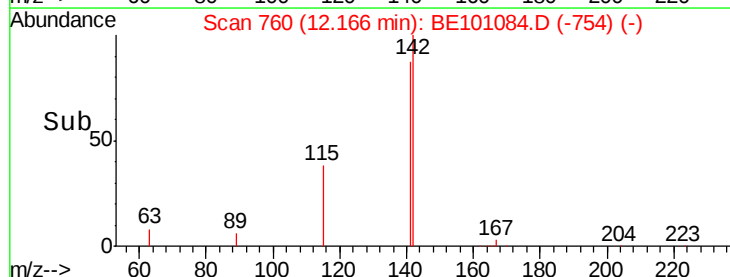
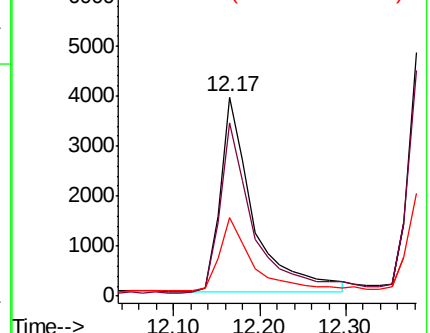
115 39.5 33.0 49.6

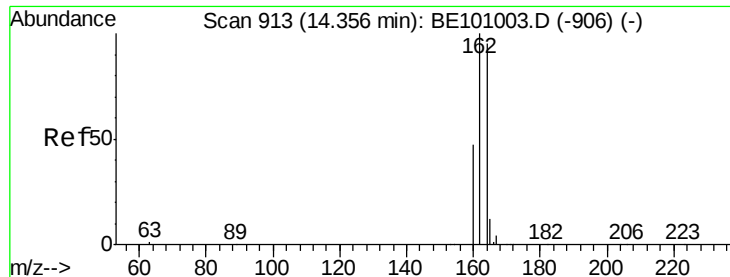


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

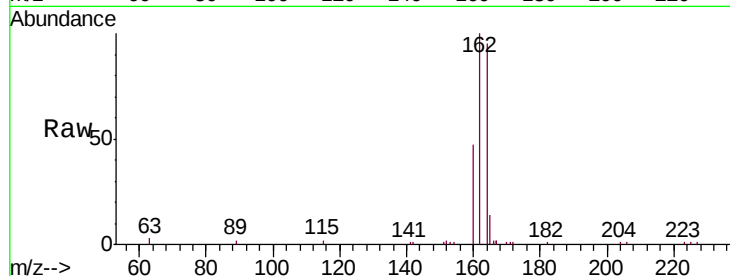




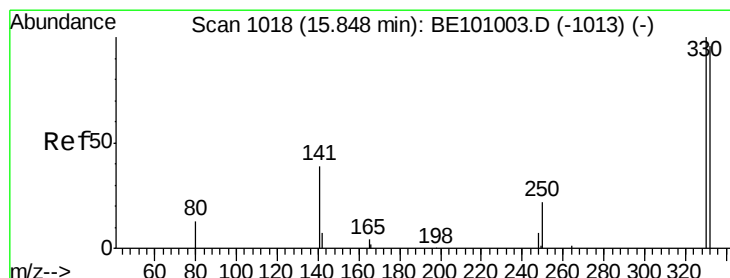
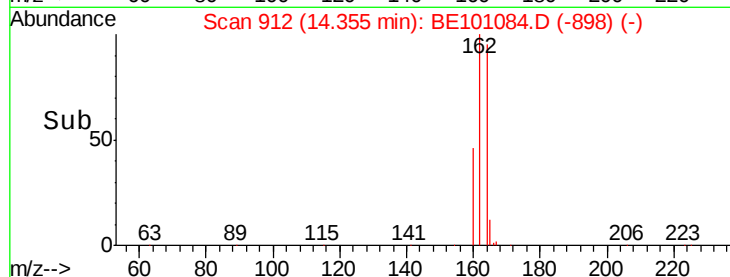
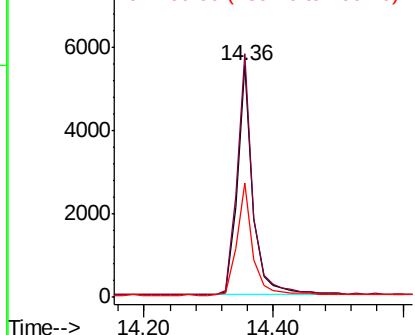
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9314
Ion Ratio Lower Upper
164 100
162 105.0 84.1 126.1
160 49.0 40.4 60.6

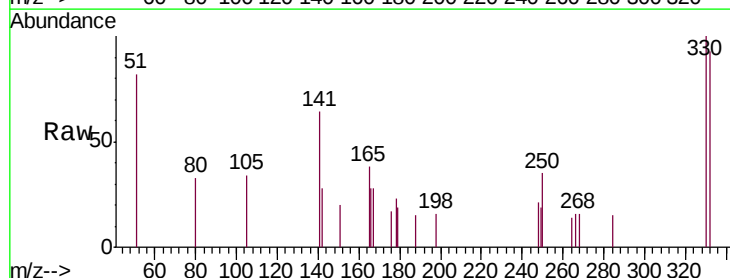


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

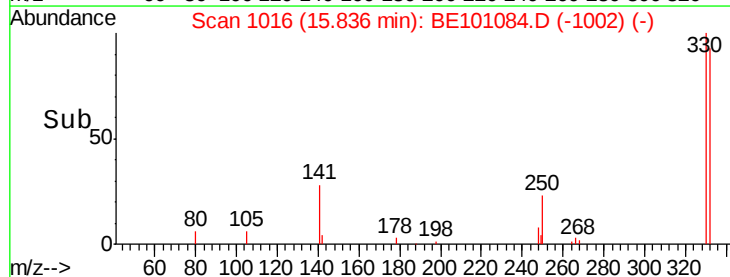
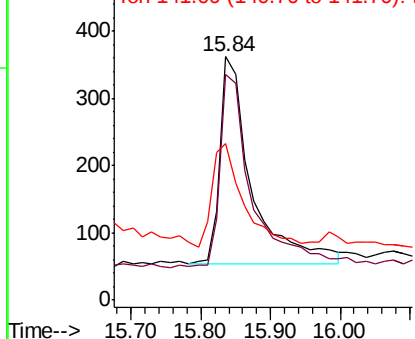


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

Tgt Ion:330 Resp: 972
Ion Ratio Lower Upper
330 100
332 93.0 78.4 117.6
141 49.8 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

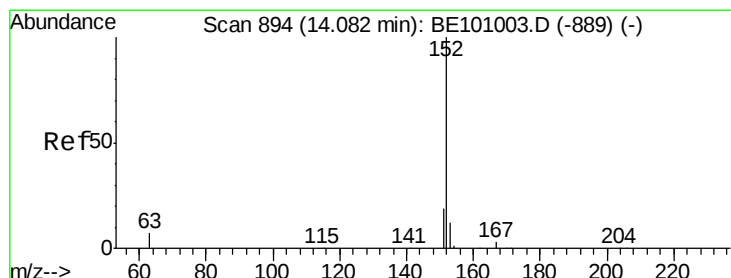
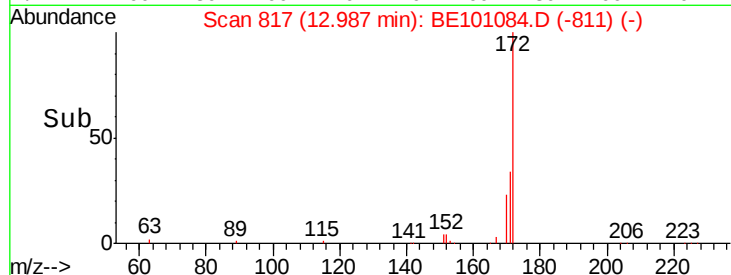
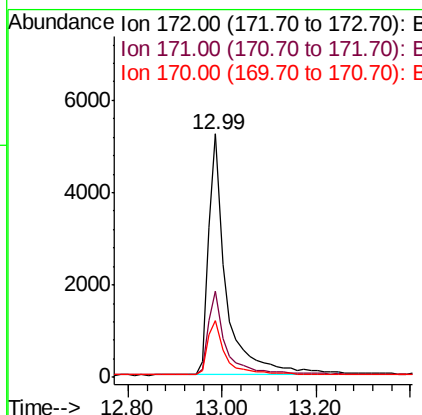
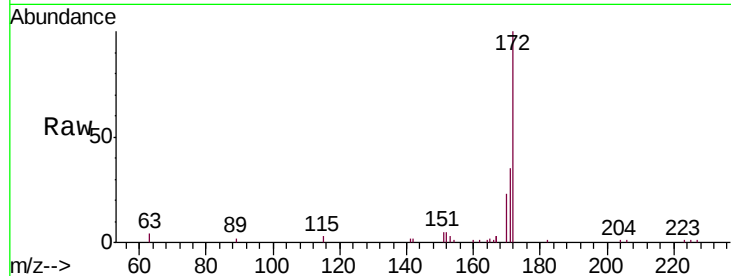




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

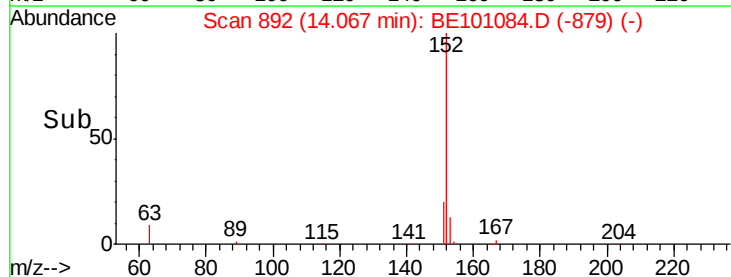
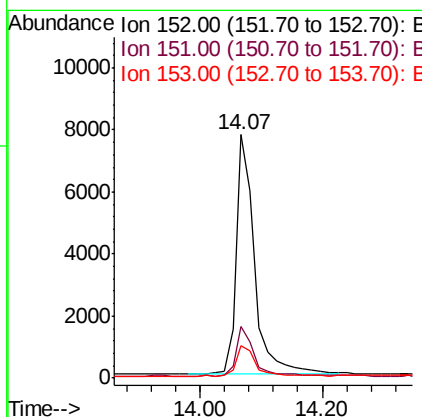
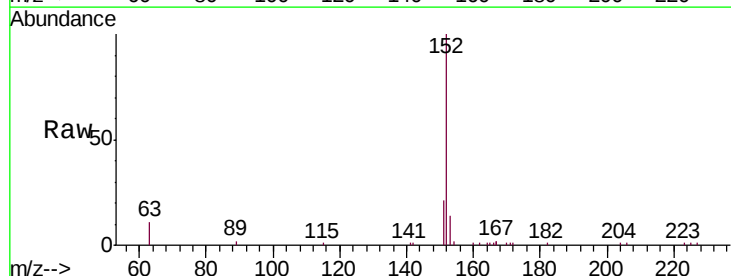
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13633
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 18.9 28.3



#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.07 min Scan# 892
Delta R.T. -0.02 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

Tgt Ion:152 Resp: 16192
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 13.5 10.4 15.6





#17

Acenaphthene

Concen: 0.418 ng

RT: 14.41 min Scan# 916

Delta R.T. -0.02 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

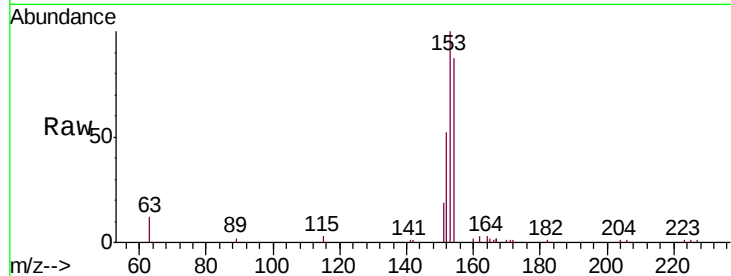
Tgt Ion:154 Resp: 11349

Ion Ratio Lower Upper

154 100

153 113.1 93.6 140.4

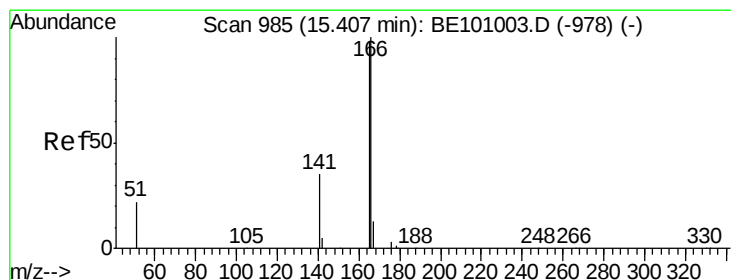
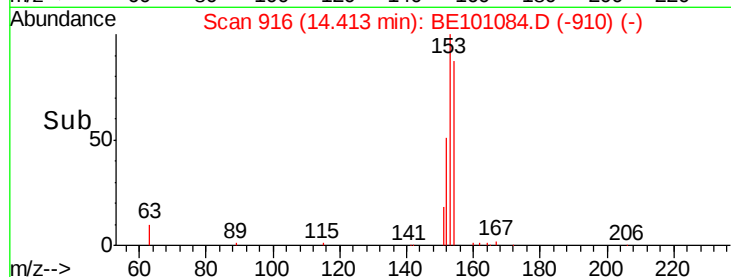
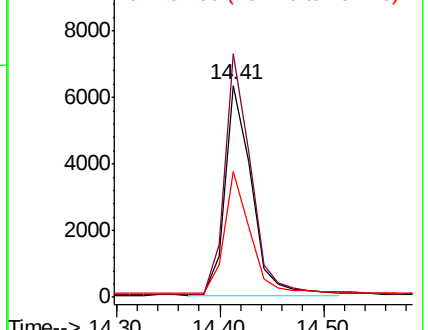
152 56.8 46.3 69.5



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: 0.413 ng

RT: 15.39 min Scan# 983

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

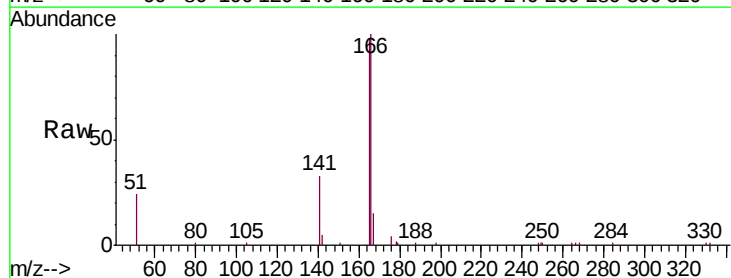
Tgt Ion:166 Resp: 14164

Ion Ratio Lower Upper

166 100

165 98.8 79.8 119.8

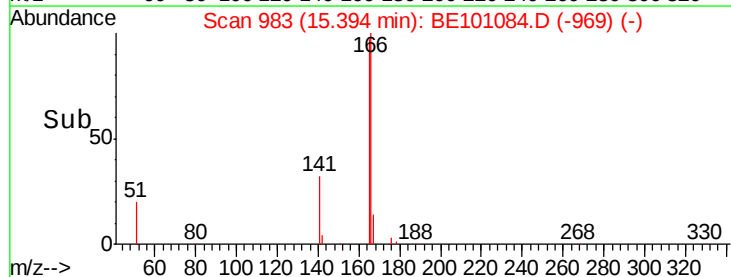
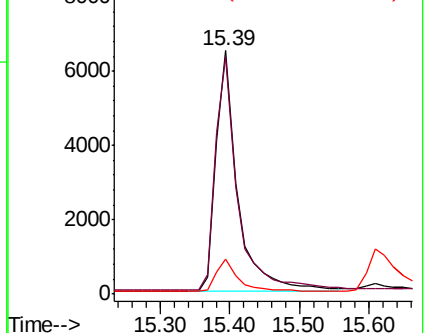
167 13.9 11.0 16.6



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: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

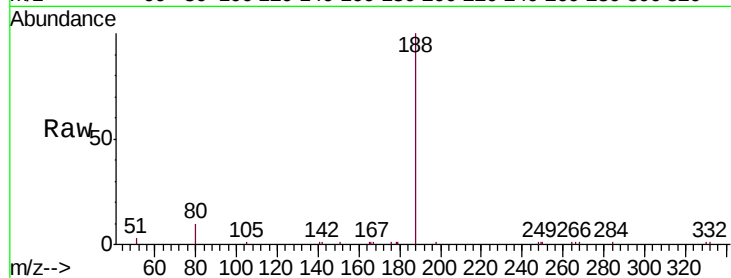
Tgt Ion:188 Resp: 21353

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

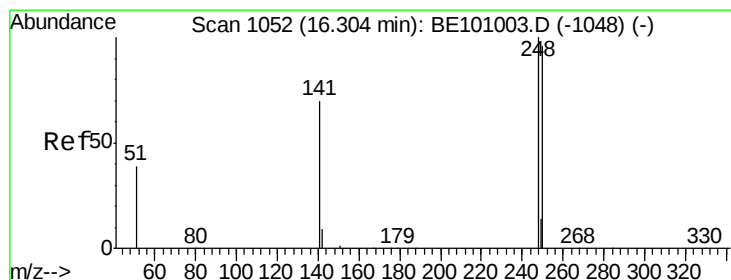
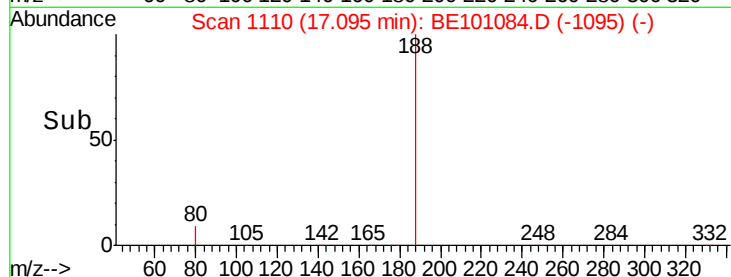
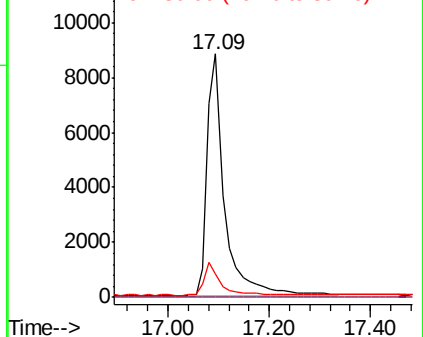
80 9.8 10.8 16.2#



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: 0.423 ng

RT: 16.29 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

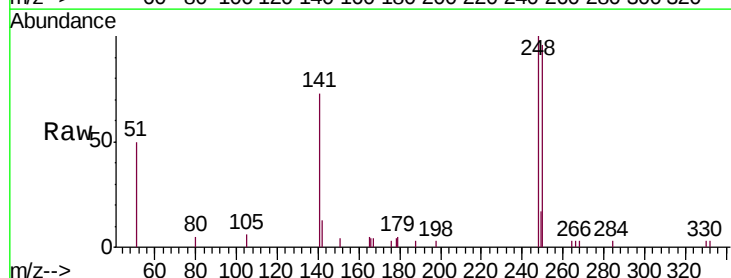
Tgt Ion:248 Resp: 4405

Ion Ratio Lower Upper

248 100

250 96.2 76.6 115.0

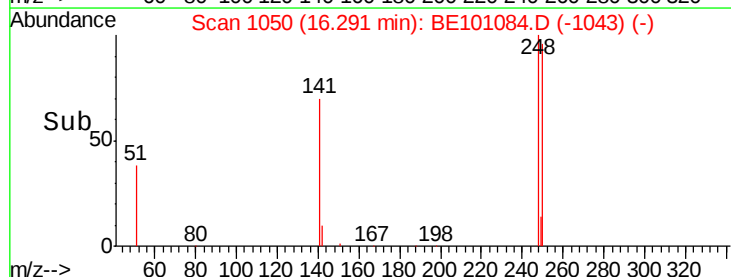
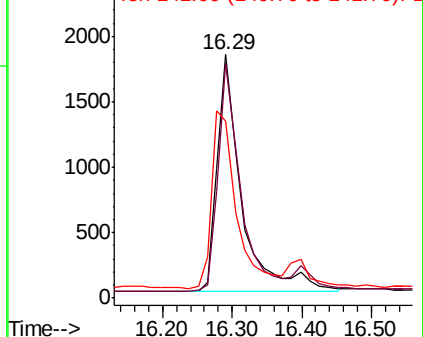
141 72.9 57.7 86.5

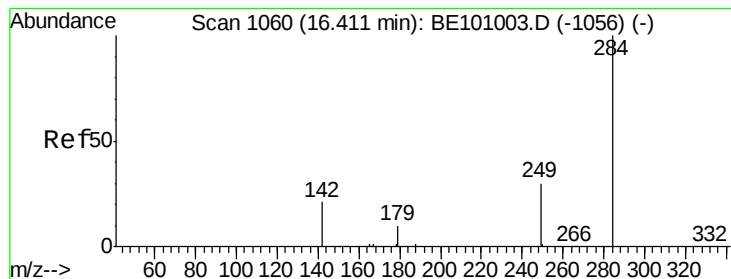


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.395 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

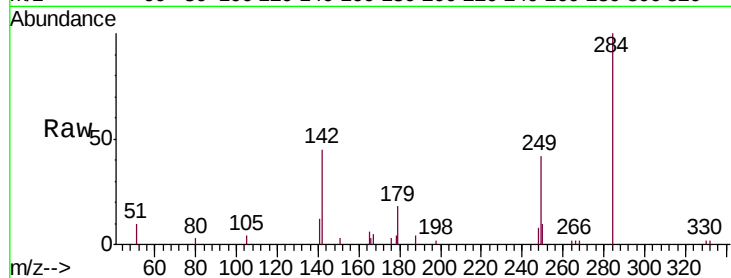
Tgt Ion:284 Resp: 4513

Ion Ratio Lower Upper

284 100

142 42.6 34.0 51.0

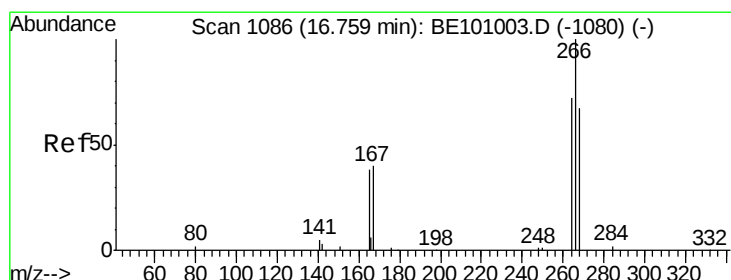
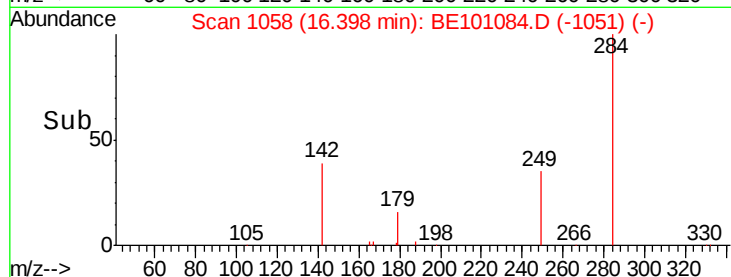
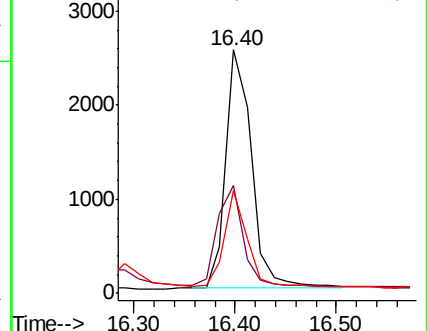
249 35.1 28.2 42.4



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: 0.326 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

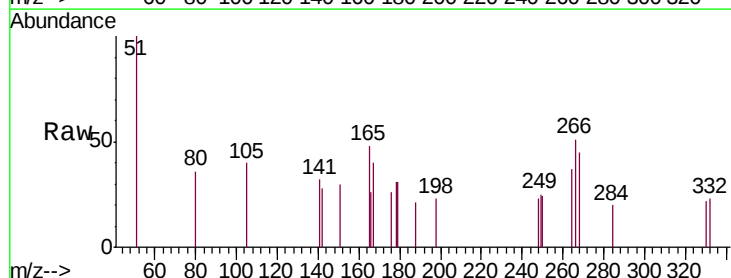
Tgt Ion:266 Resp: 303

Ion Ratio Lower Upper

266 100

264 72.7 61.0 91.4

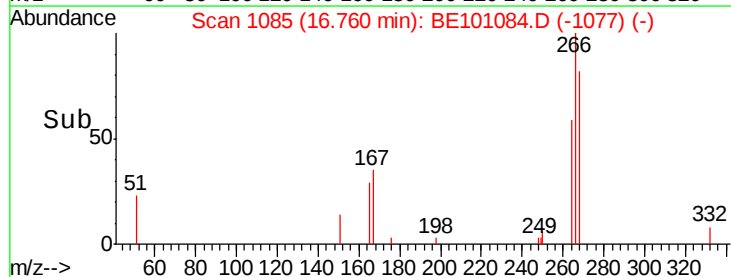
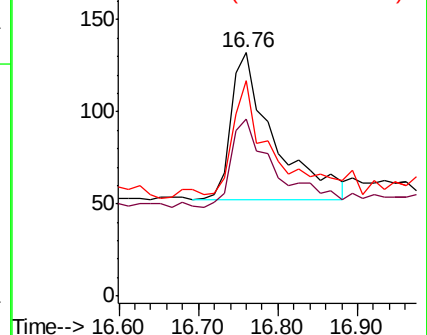
268 88.6 58.5 87.7#



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: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

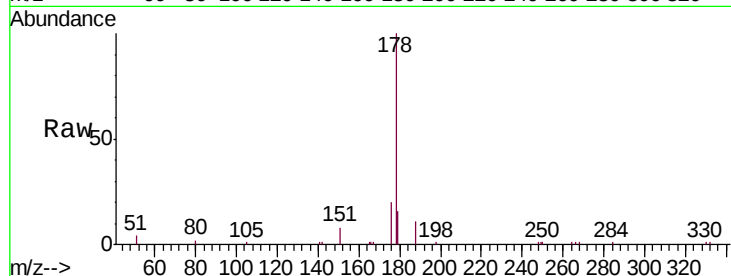
Tgt Ion:178 Resp: 22914

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

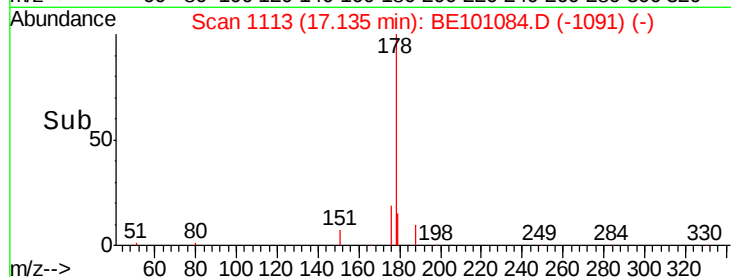
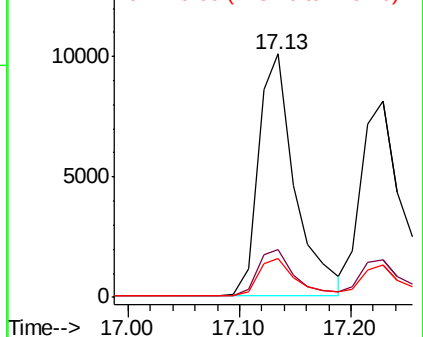
179 15.9 12.0 18.0



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: 0.429 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

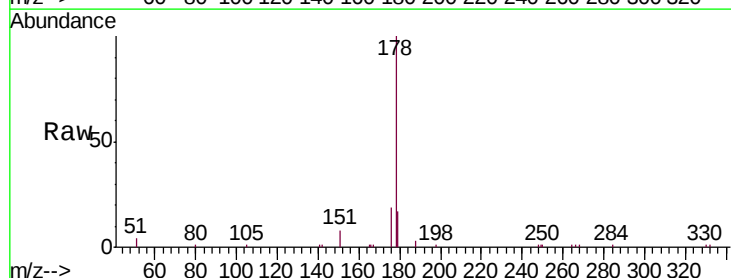
Tgt Ion:178 Resp: 23627

Ion Ratio Lower Upper

178 100

176 18.2 14.8 22.2

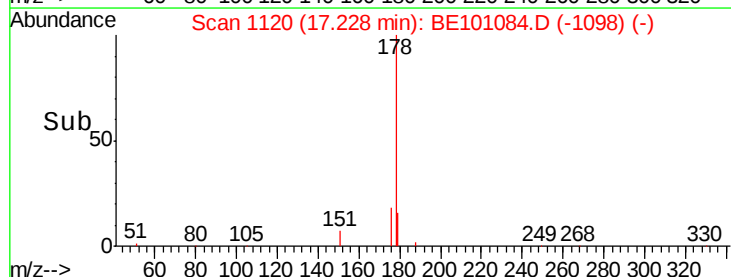
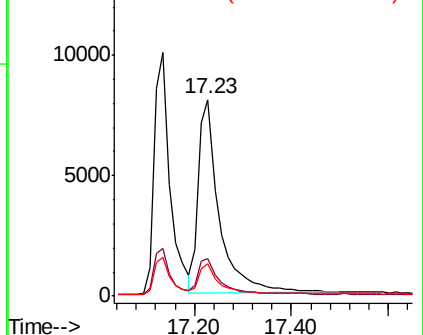
179 15.4 12.4 18.6



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

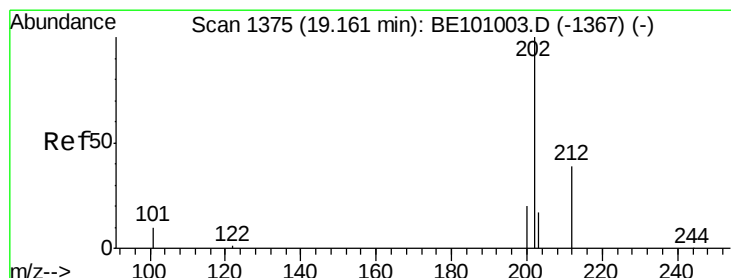
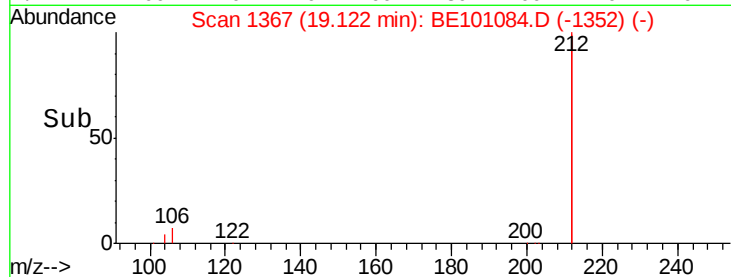
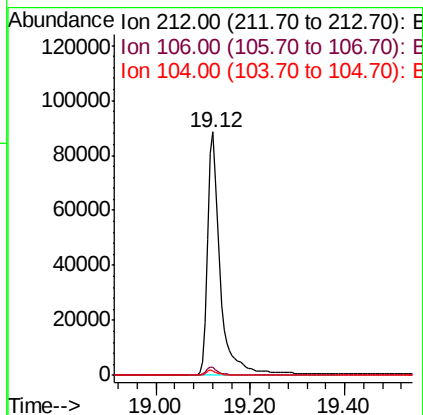
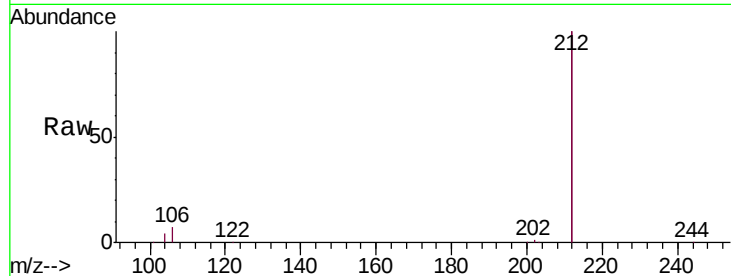




#25
Fluoranthene-d10
Concen: 0.551 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

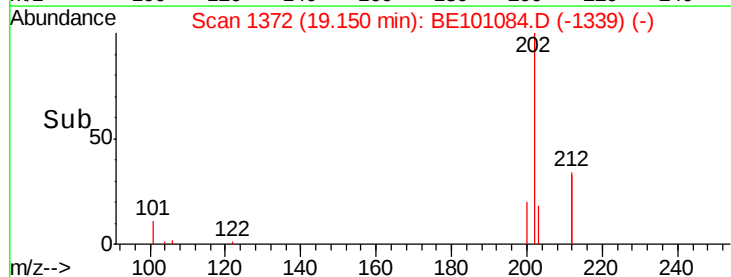
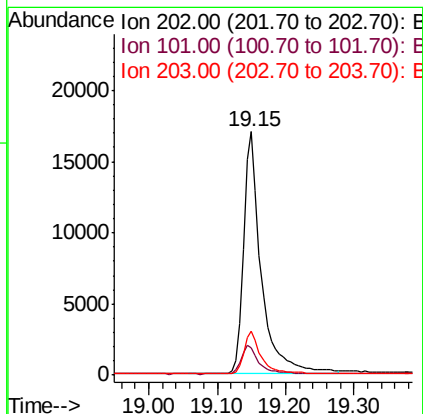
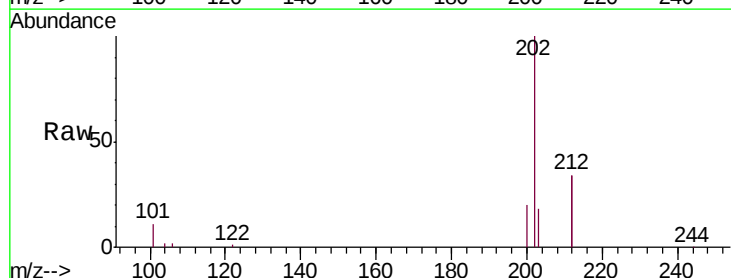
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 212 Resp: 163301
Ion Ratio Lower Upper
212 100
106 3.4 2.6 3.8
104 1.9 1.4 2.0



#26
Fluoranthene
Concen: 0.416 ng
RT: 19.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE101084.D
Acq: 16 Jan 2020 20:54

Tgt Ion: 202 Resp: 30376
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
203 16.7 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

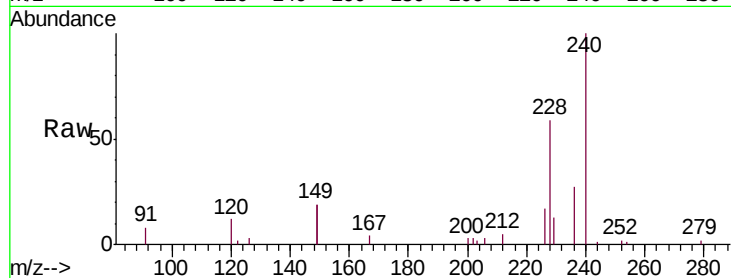
Tgt Ion:240 Resp: 21111

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

236 27.3 22.2 33.4

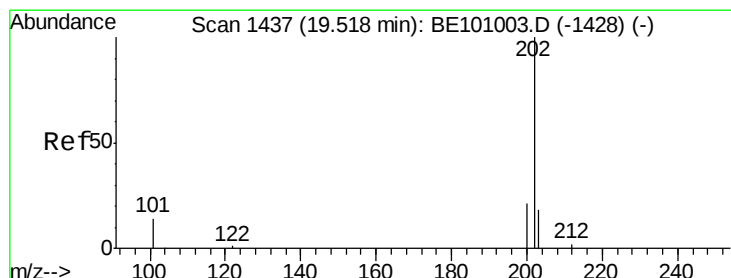
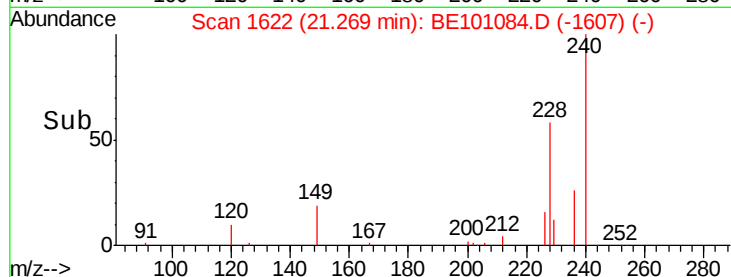
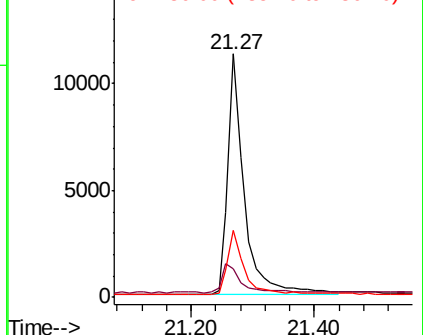


Abundance

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: 0.402 ng

RT: 19.51 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

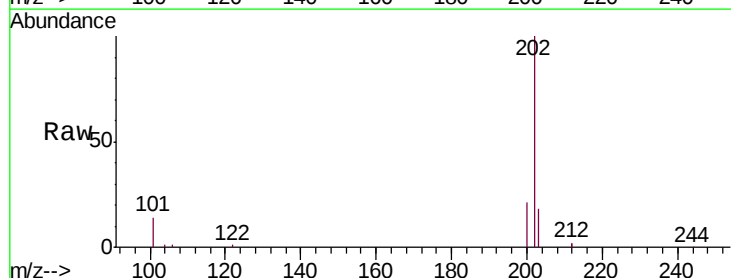
Tgt Ion:202 Resp: 31555

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.6 13.8 20.6

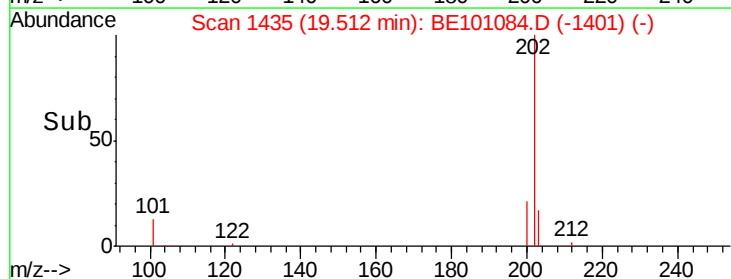
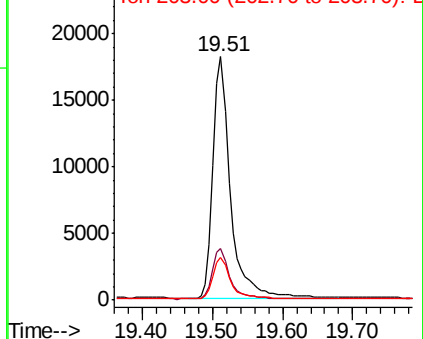


Abundance

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: 0.381 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

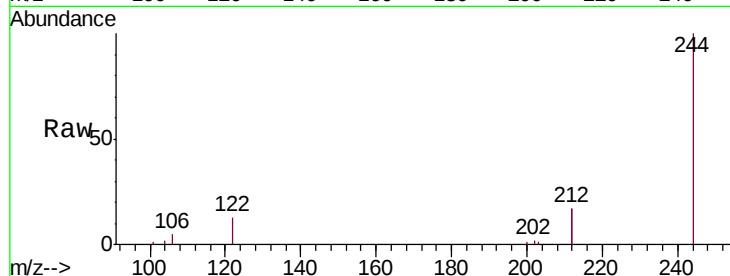
Tgt Ion:244 Resp: 19741

Ion Ratio Lower Upper

244 100

212 34.0 27.2 40.8

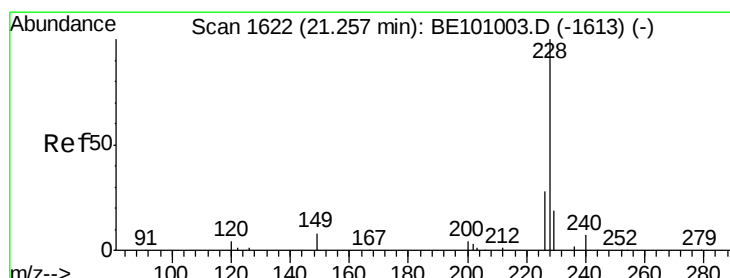
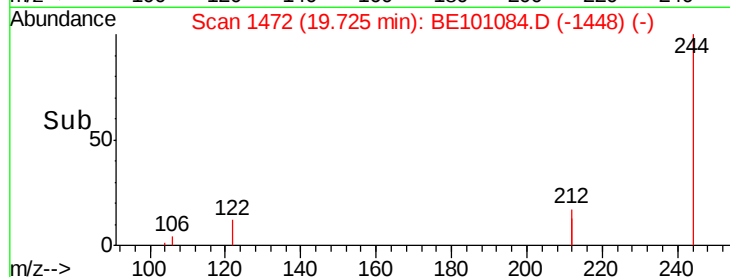
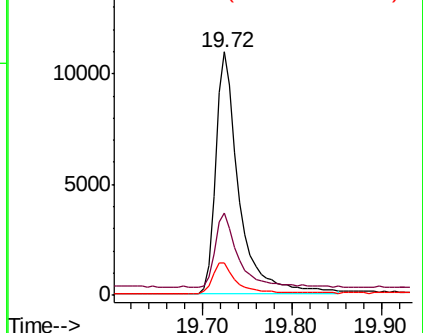
122 13.1 9.8 14.8



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: 0.472 ng

RT: 21.26 min Scan# 1621

Delta R.T. -0.00 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

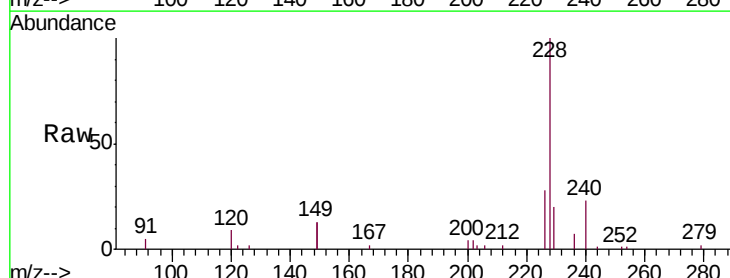
Tgt Ion:228 Resp: 28408

Ion Ratio Lower Upper

228 100

226 28.1 22.7 34.1

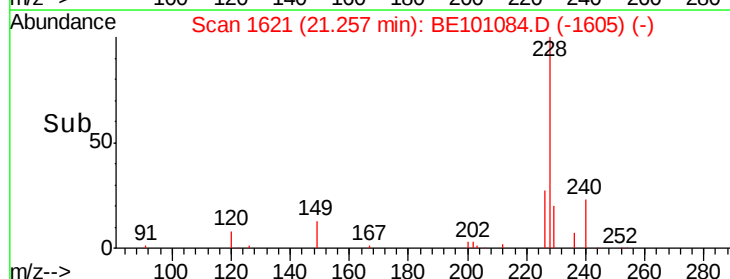
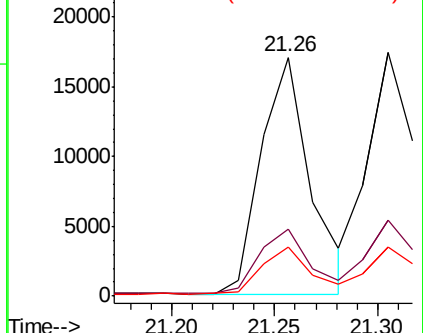
229 20.3 15.5 23.3



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: 0.406 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

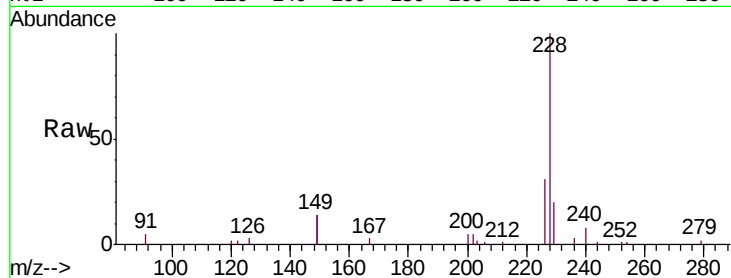
Tgt Ion:228 Resp: 36345

Ion Ratio Lower Upper

228 100

226 31.3 23.5 35.3

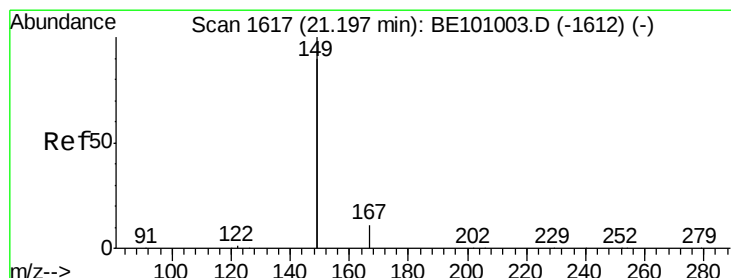
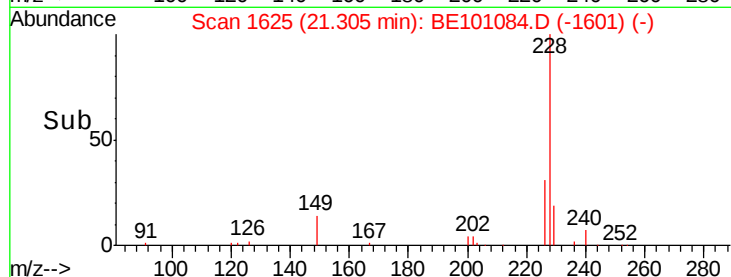
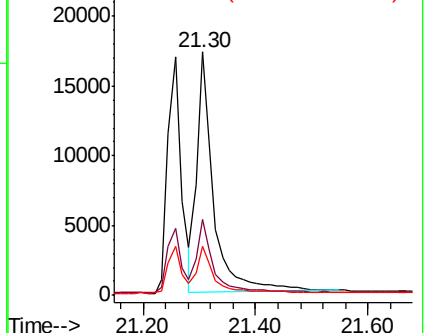
229 20.1 16.7 25.1



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: 0.767 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

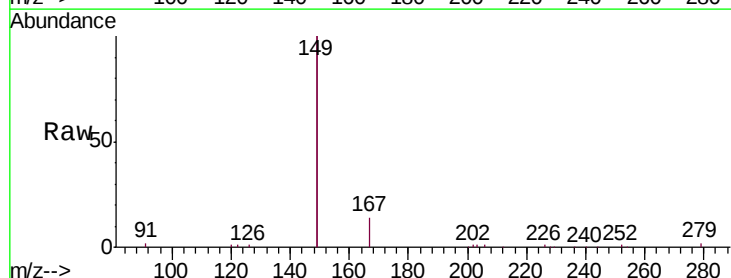
Tgt Ion:149 Resp: 77011

Ion Ratio Lower Upper

149 100

167 6.7 5.2 7.8

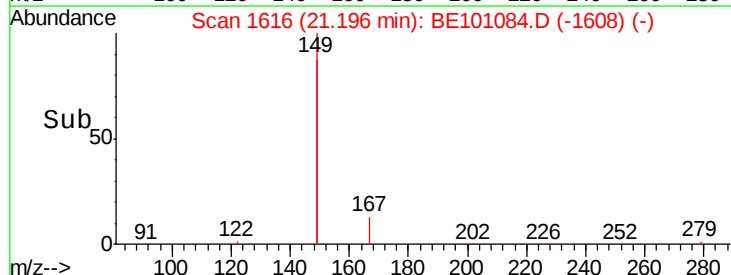
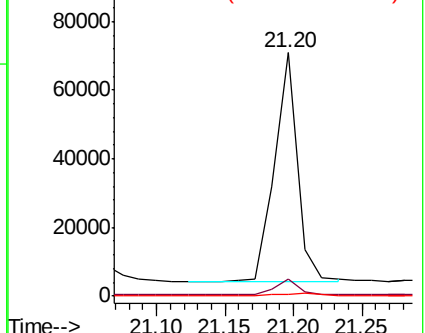
279 1.2 0.8 1.2



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: 0.534 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

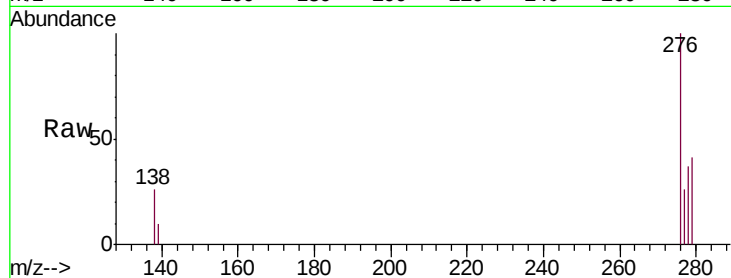
Tgt Ion:276 Resp: 37760

Ion Ratio Lower Upper

276 100

138 26.6 16.1 24.1#

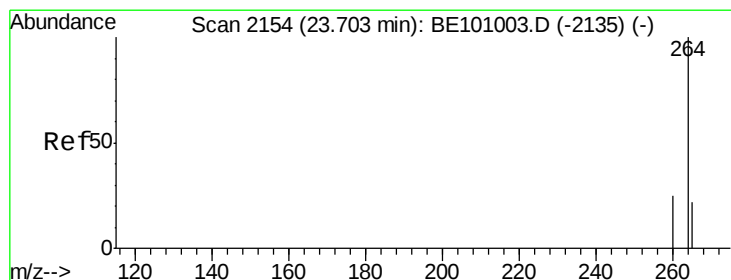
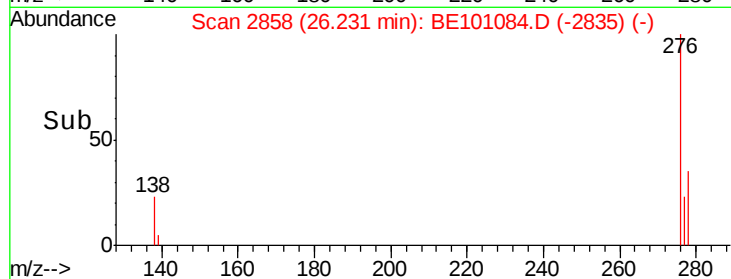
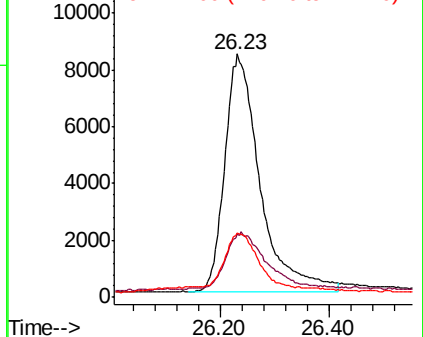
277 21.3 18.1 27.1



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: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

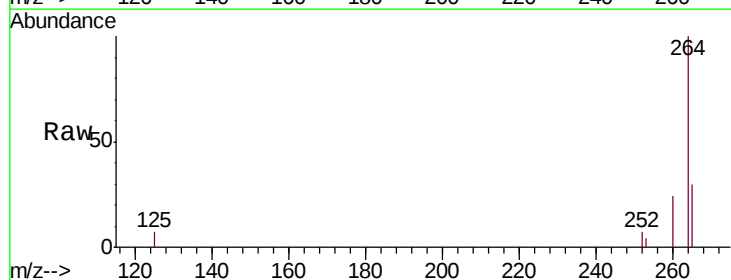
Tgt Ion:264 Resp: 25512

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

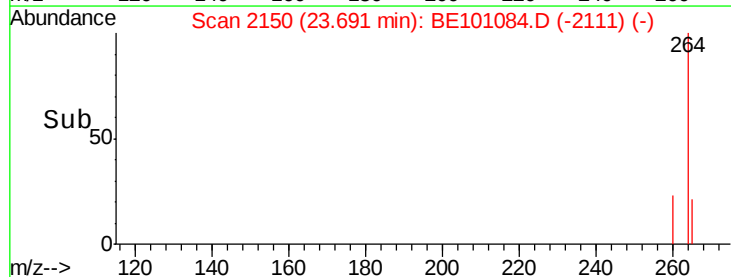
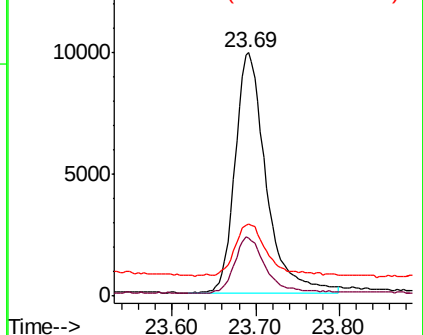
265 29.9 27.0 40.4



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: 0.407 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

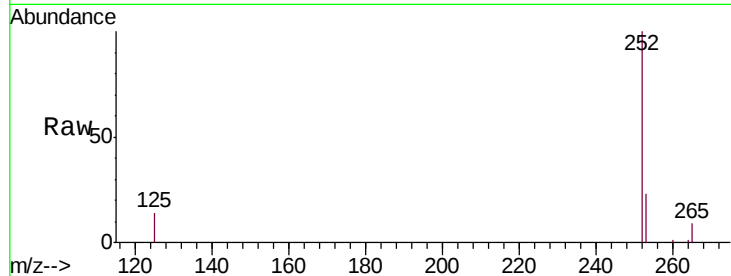
Tgt Ion:252 Resp: 29148

Ion Ratio Lower Upper

252 100

253 23.2 18.5 27.7

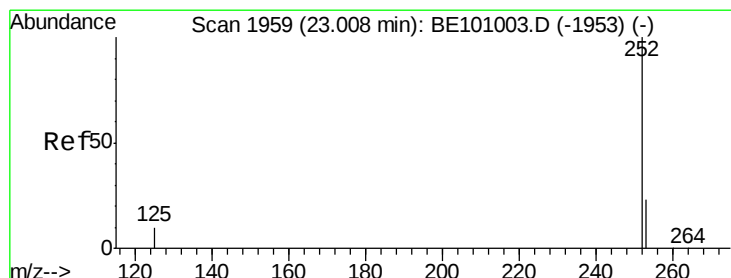
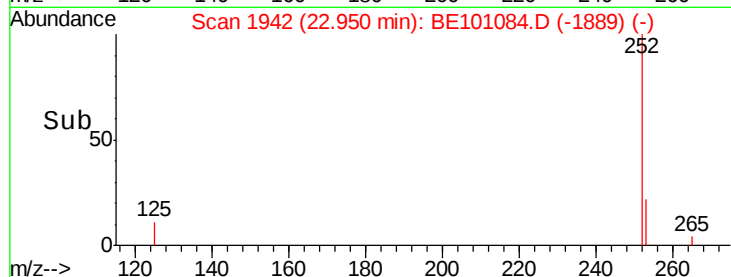
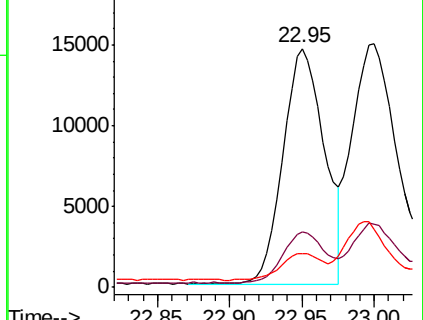
125 14.1 9.5 14.3



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: 0.281 ng

RT: 22.95 min Scan# 1942

Delta R.T. -0.06 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

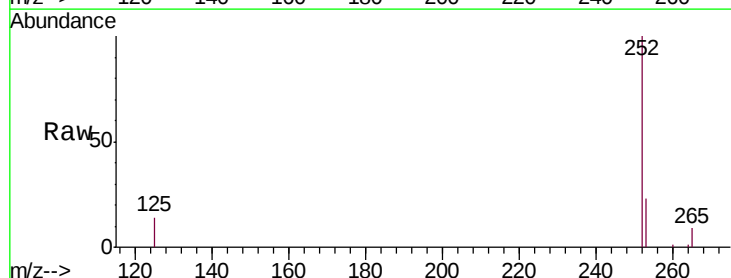
Tgt Ion:252 Resp: 29148

Ion Ratio Lower Upper

252 100

253 23.2 18.9 28.3

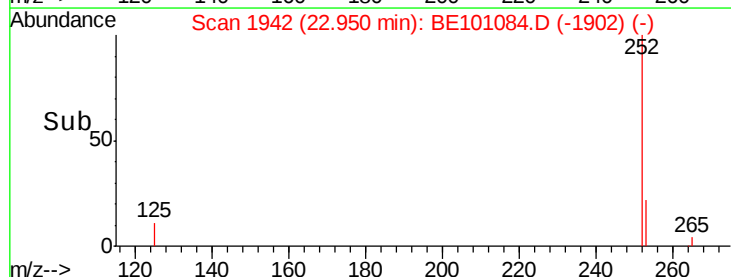
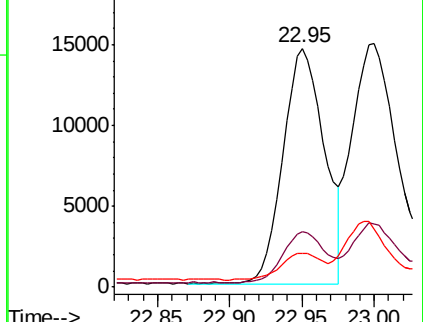
125 14.1 10.1 15.1



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: 0.442 ng

RT: 23.58 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

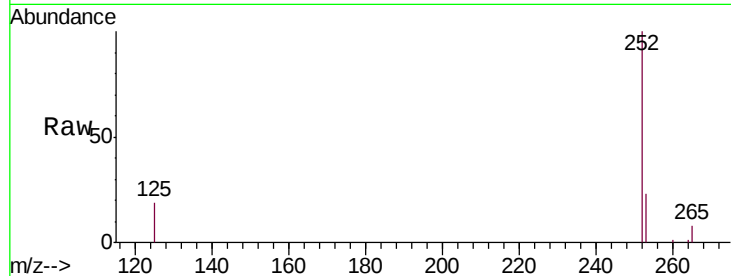
Tgt Ion:252 Resp: 30613

Ion Ratio Lower Upper

252 100

253 23.2 19.4 29.2

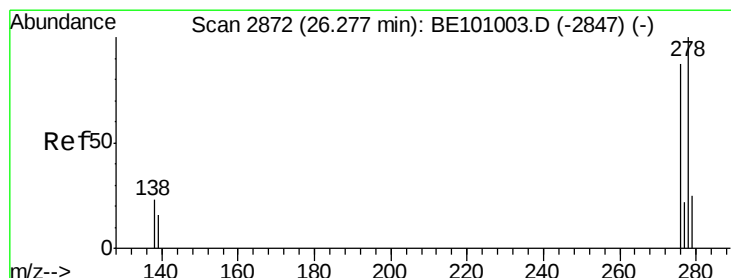
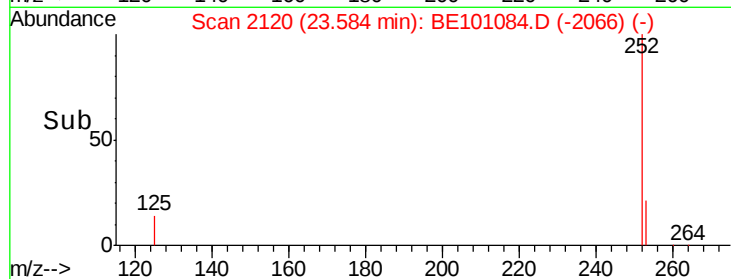
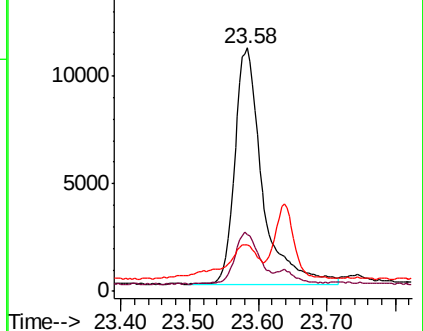
125 18.9 11.8 17.6#



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: 0.451 ng

RT: 26.26 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE101084.D

Acq: 16 Jan 2020 20:54

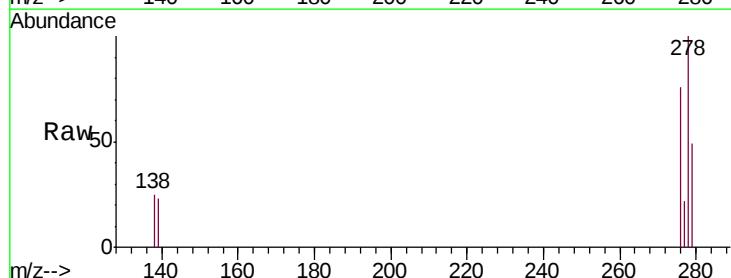
Tgt Ion:278 Resp: 28685

Ion Ratio Lower Upper

278 100

139 22.7 15.0 22.4#

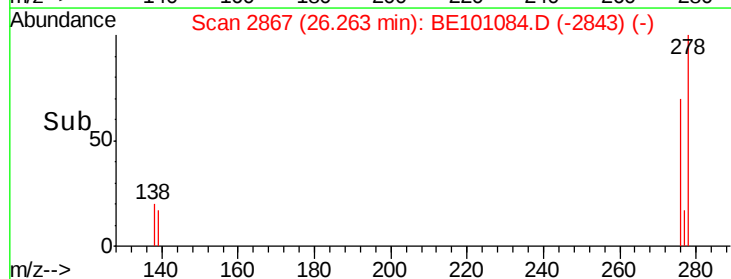
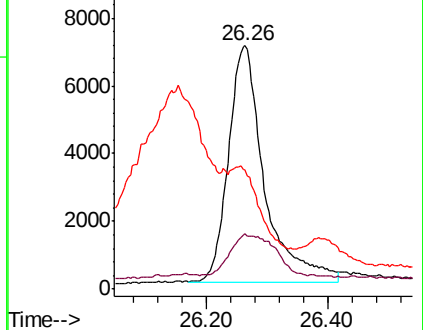
279 48.9 22.6 33.8#



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(g,h,i)perylene

Concen: 0.393 ng

RT: 27.01 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BE101084.D

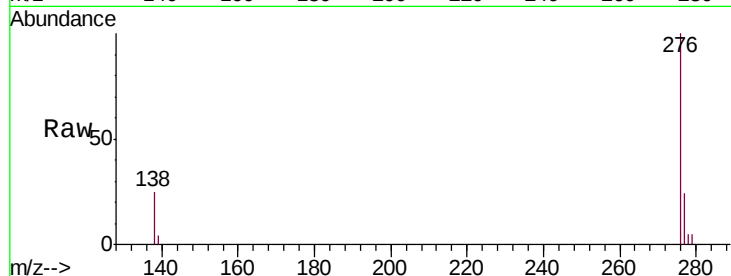
Acq: 16 Jan 2020 20:54

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 30754

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.2

138 25.1 17.9 26.9

