

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100257.D
 Acq On : 29 Jun 2019 4:40
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 29 05:15:07 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 29 00:22:29 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1164	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	4234	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	3230	0.40	ng	0.02
19) Phenanthrene-d10	17.07	188	8493	0.40	ng	0.01
27) Chrysene-d12	21.25	240	10341	0.40	ng	0.00
34) Perylene-d12	23.68	264	12381	0.40	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.21	112	1335	0.45	ng	0.00
5) Phenol-d6	6.83	99	1807	0.46	ng	-0.01
8) Nitrobenzene-d5	8.81	82	1773	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	3341	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	970	0.43	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	5038	0.40	ng	0.00
25) Fluoranthene-d10	19.10	212	48624	0.39	ng	0.00
29) Terphenyl-d14	19.70	244	10097	0.47	ng	0.00

Target Compounds

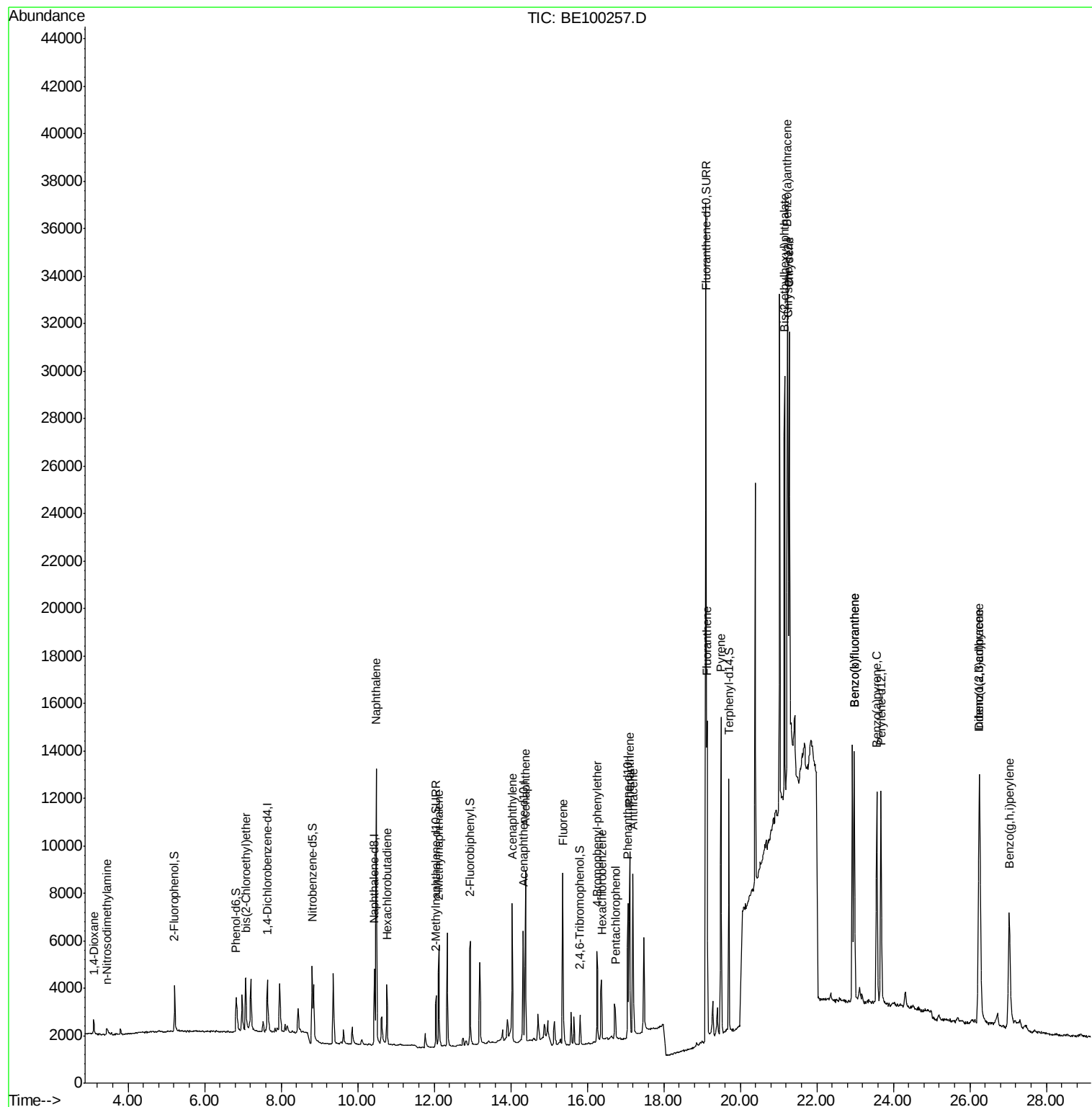
						Qvalue
2) 1,4-Dioxane	3.09	88	488	0.270	ng	96
3) n-Nitrosodimethylamine	3.45	42	342	0.406	ng	# 84
6) bis(2-Chloroethyl)ether	7.08	93	1306	0.407	ng	# 67
9) Naphthalene	10.49	128	18687	0.400	ng	98
10) Hexachlorobutadiene	10.76	225	1774	0.394	ng	98
12) 2-Methylnaphthalene	12.12	142	3275	0.400	ng	94
16) Acenaphthylene	14.04	152	8380	0.541	ng	98
17) Acenaphthene	14.38	154	3548	0.404	ng	97
18) Fluorene	15.37	166	5133	0.395	ng	97
20) 4-Bromophenyl-phenylether	16.25	248	2420	0.446	ng	# 78
21) Hexachlorobenzene	16.37	284	2390	0.425	ng	97
22) Pentachlorophenol	16.73	266	932	0.550	ng	93
23) Phenanthrene	17.11	178	8535	0.415	ng	98
24) Anthracene	17.20	178	8634	0.466	ng	98
26) Fluoranthene	19.13	202	12551	0.383	ng	99
28) Pyrene	19.49	202	12929	0.472	ng	96
30) Benzo(a)anthracene	21.23	228	15215	0.447	ng	# 84
31) Chrysene	21.28	228	13933	0.408	ng	90
32) Bis(2-ethylhexyl)phthalate	21.16	149	23217	0.426	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.24	276	16572	0.367	ng	100
35) Benzo(b)fluoranthene	22.98	252	14253	0.425	ng	94
36) Benzo(k)fluoranthene	22.98	252	14253	0.380	ng	# 89
37) Benzo(a)pyrene	23.57	252	13787	0.410	ng	# 89
38) Dibenzo(a,h)anthracene	26.26	278	13832	0.394	ng	# 89
39) Benzo(g,h,i)perylene	27.03	276	13387	0.371	ng	# 89

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

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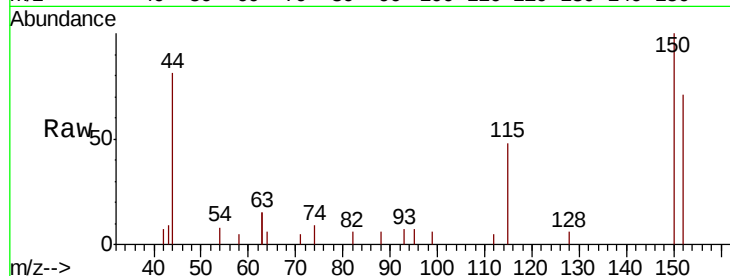


#1

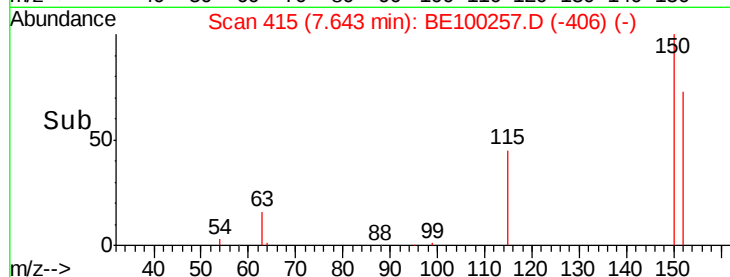
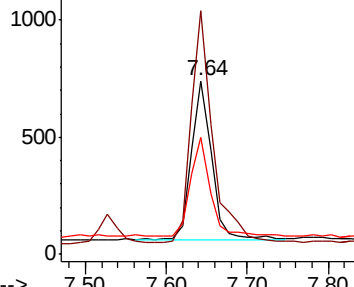
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100257.D
Acq: 29 Jun 2019 4:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 1164
Ion Ratio Lower Upper
152 100
150 140.0 114.5 171.7
115 67.1 57.1 85.7



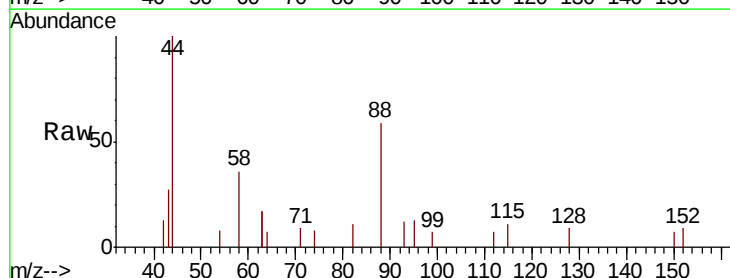
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



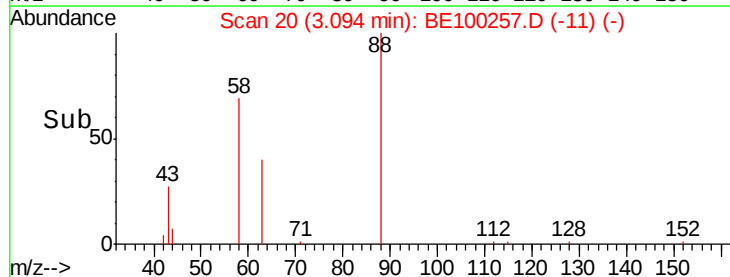
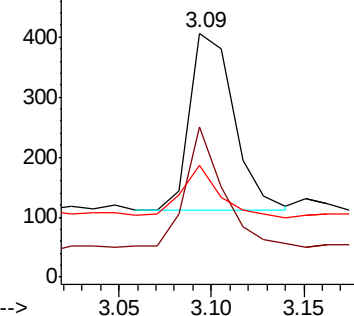
#2

1,4-Dioxane
Concen: 0.270 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE100257.D
Acq: 29 Jun 2019 4:40

Tgt Ion: 88 Resp: 488
Ion Ratio Lower Upper
88 100
58 58.2 43.6 65.4
43 25.4 21.4 32.0



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: 0.406 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

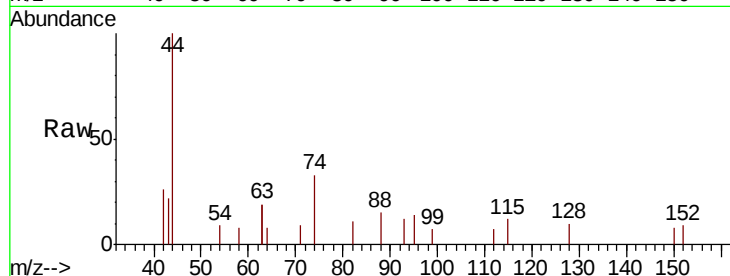
Tgt Ion: 42 Resp: 342

Ion Ratio Lower Upper

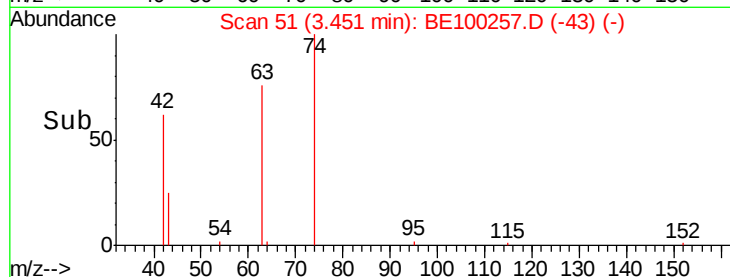
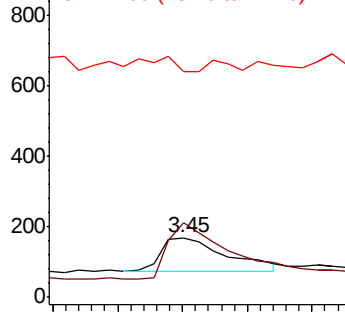
42 100

74 151.5 130.6 196.0

44 20.2 38.0 57.0#



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: 0.450 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

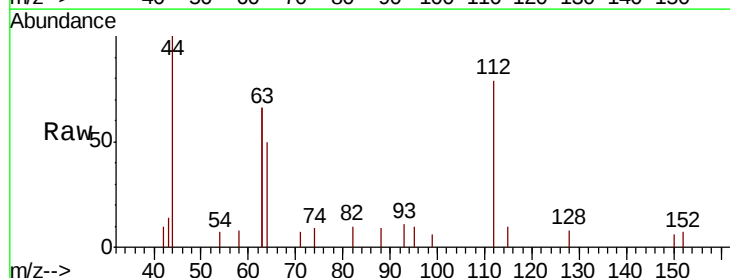
Tgt Ion: 112 Resp: 1335

Ion Ratio Lower Upper

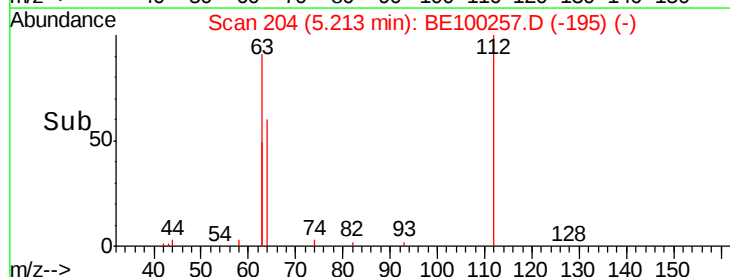
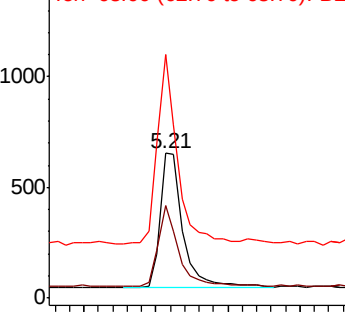
112 100

64 55.4 39.4 59.0

63 121.9 104.5 156.7



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: 0.463 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

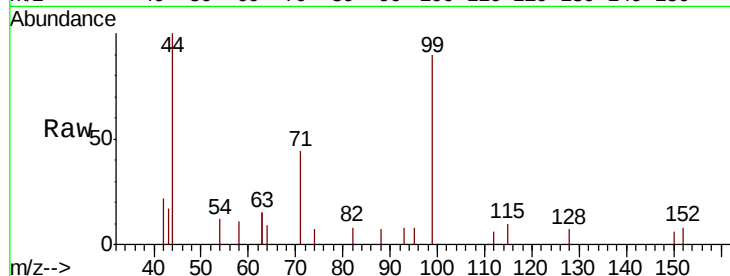
Tgt Ion: 99 Resp: 1807

Ion Ratio Lower Upper

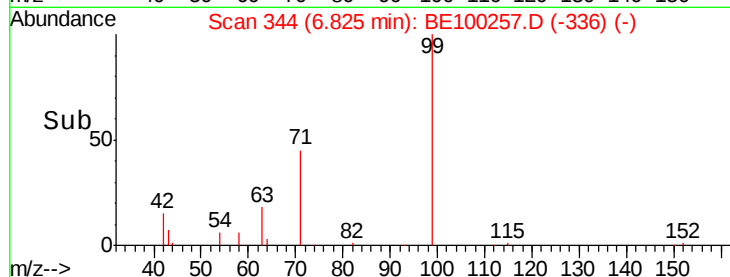
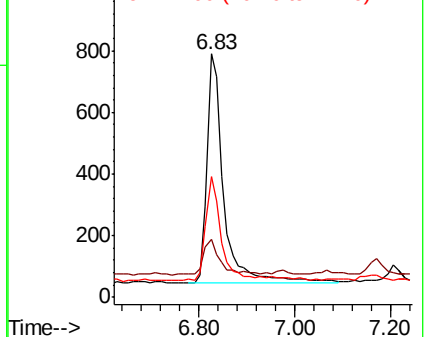
99 100

42 14.9 11.2 16.8

71 40.7 37.2 55.8



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: 0.407 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

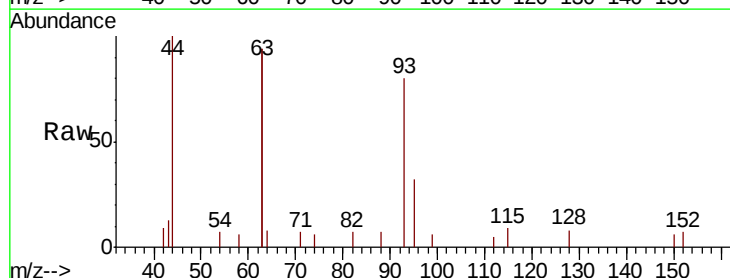
Tgt Ion: 93 Resp: 1306

Ion Ratio Lower Upper

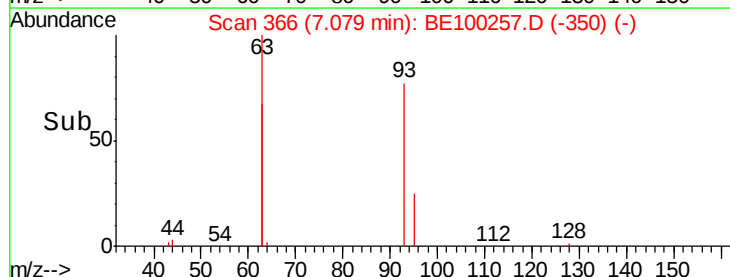
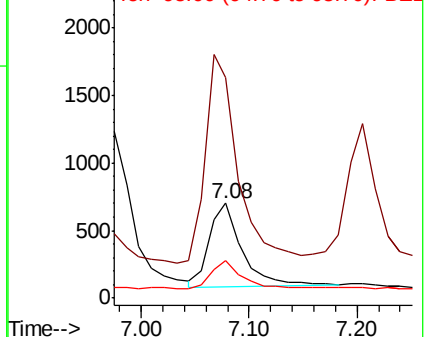
93 100

63 249.7 155.6 233.4#

95 32.2 23.0 34.4



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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 136 Resp: 4234

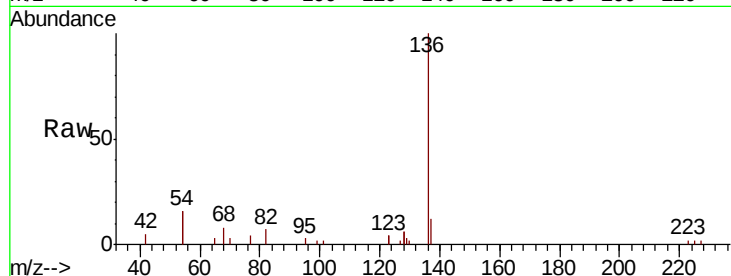
Ion Ratio Lower Upper

136 100

137 12.5 11.8 17.8

54 31.5 27.7 41.5

68 7.7 6.8 10.2

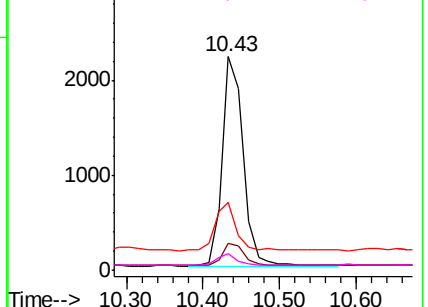
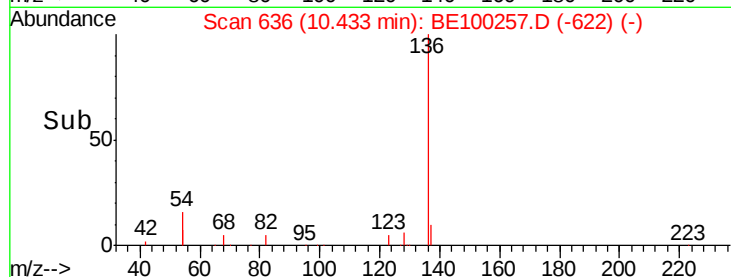


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

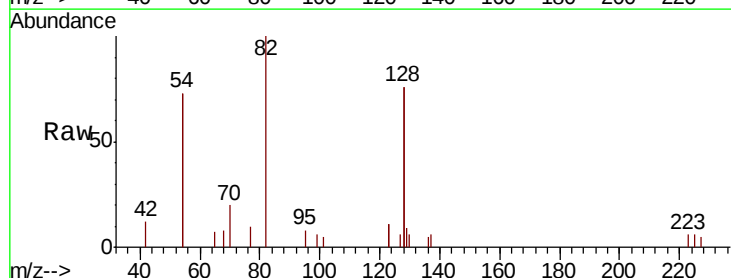
Tgt Ion: 82 Resp: 1773

Ion Ratio Lower Upper

82 100

128 151.4 140.9 211.3

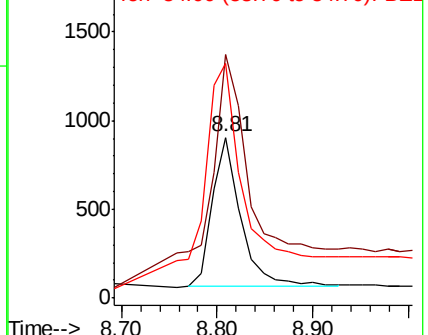
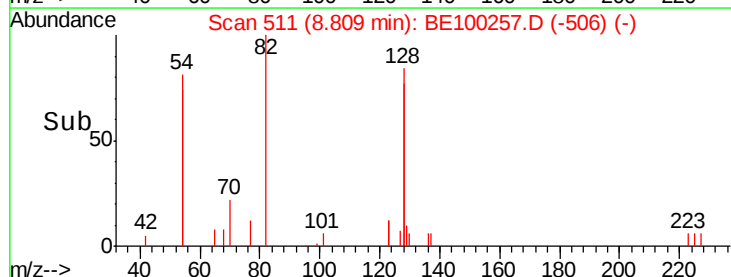
54 146.1 146.2 219.2#



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: 0.400 ng

RT: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

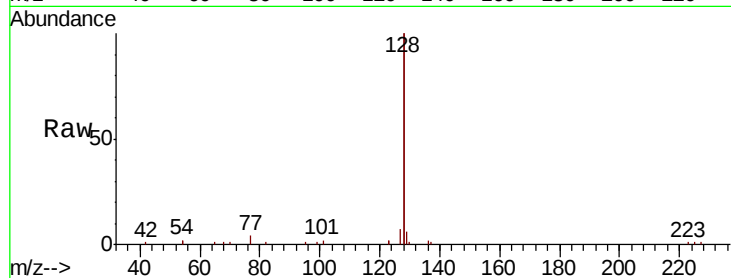
Tgt Ion:128 Resp: 18687

Ion Ratio Lower Upper

128 100

129 3.1 3.0 4.6

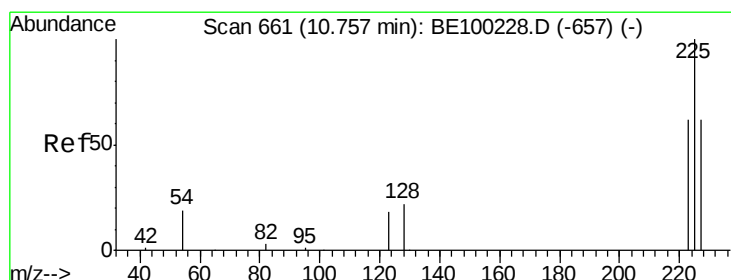
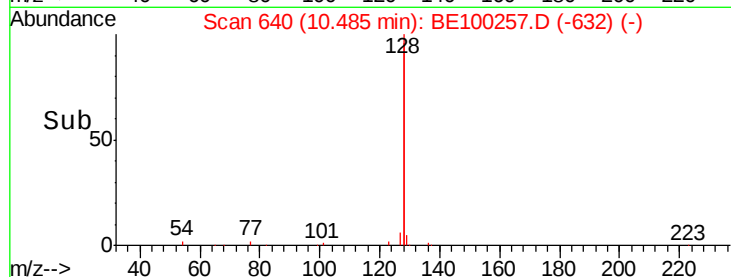
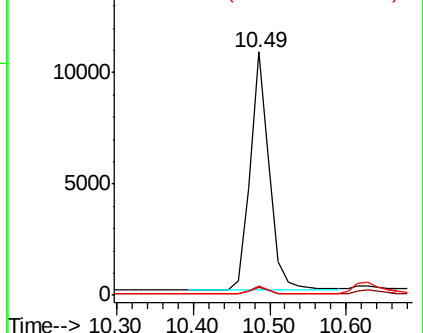
127 3.6 3.5 5.3



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: 0.394 ng

RT: 10.76 min Scan# 661

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

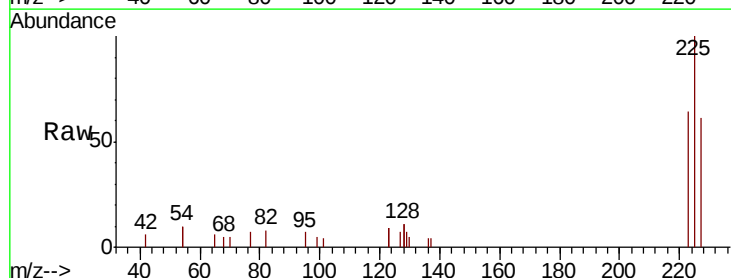
Tgt Ion:225 Resp: 1774

Ion Ratio Lower Upper

225 100

223 62.7 49.1 73.7

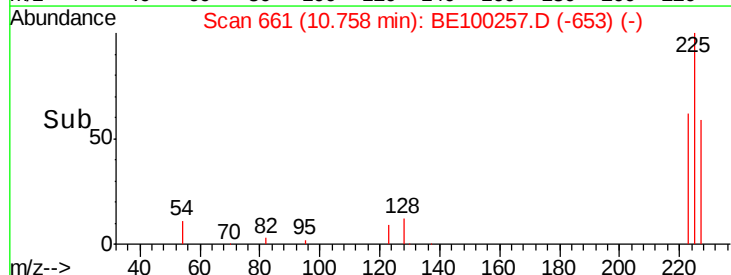
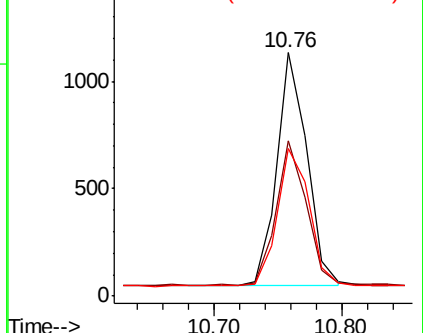
227 62.6 49.3 73.9

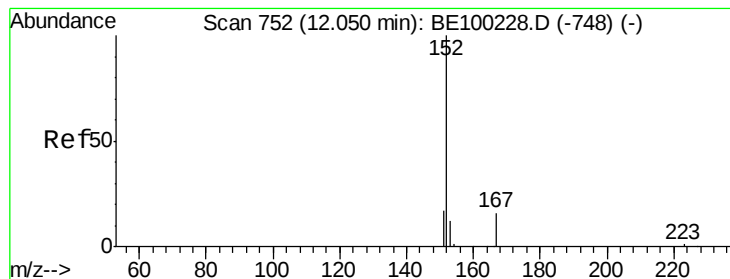


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.420 ng

RT: 12.05 min Scan# 752

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

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ClientSampleId :

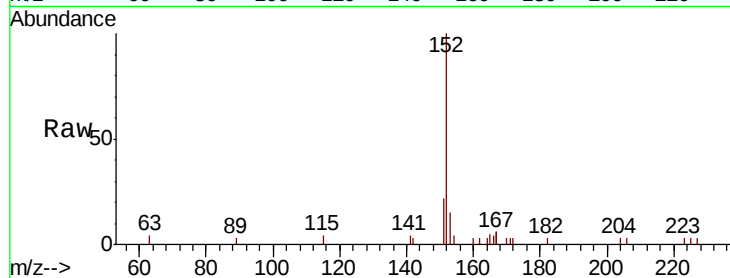
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3341

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

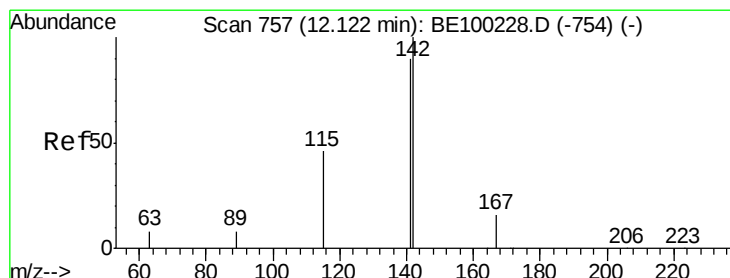
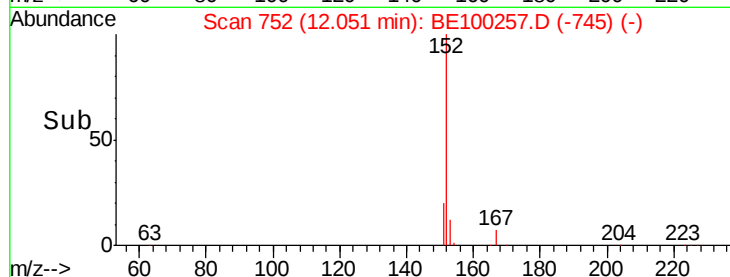
1000

500

0

12.00 12.20

Time-->



#12

2-Methylnaphthalene

Concen: 0.400 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

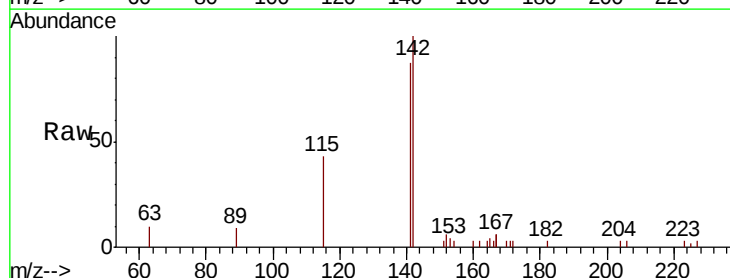
Tgt Ion:142 Resp: 3275

Ion Ratio Lower Upper

142 100

141 86.9 72.4 108.6

115 43.3 40.4 60.6



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

2500

2000

1500

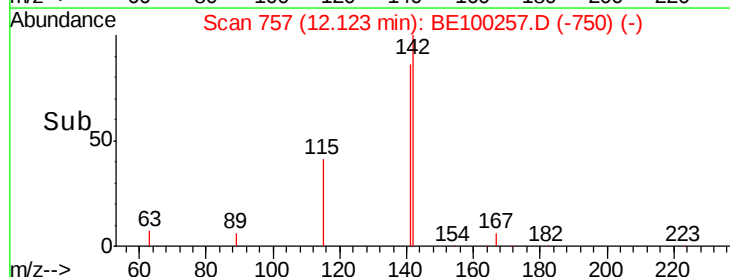
1000

500

0

12.10 12.20

Time-->

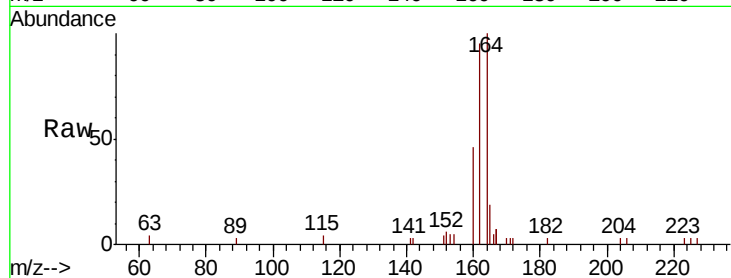




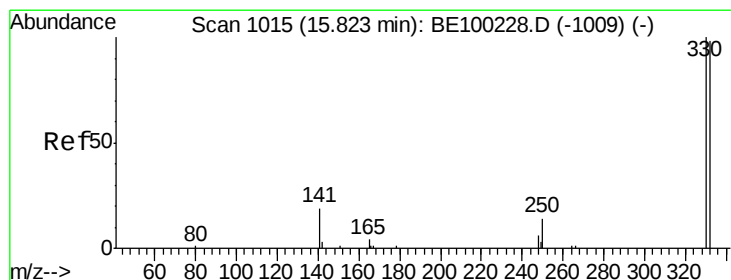
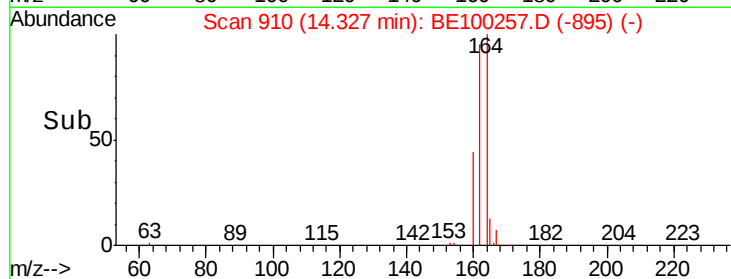
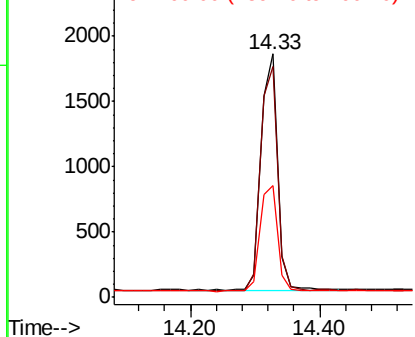
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. 0.02 min
 Lab File: BE100257.D
 Acq: 29 Jun 2019 4:40

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:164 Resp: 3230
 Ion Ratio Lower Upper
 164 100
 162 94.7 83.4 125.0
 160 45.7 45.0 67.6

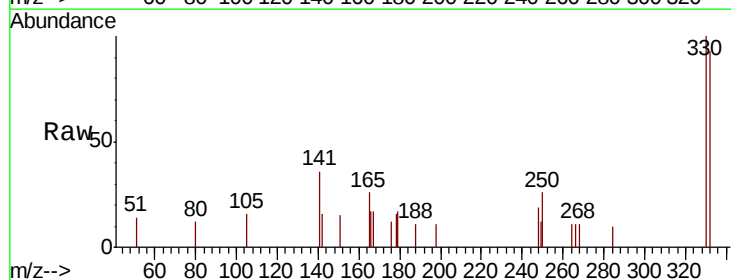


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

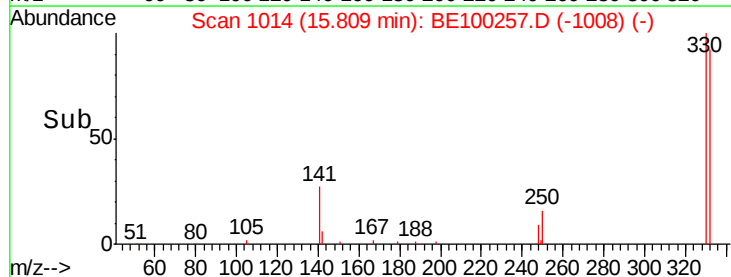
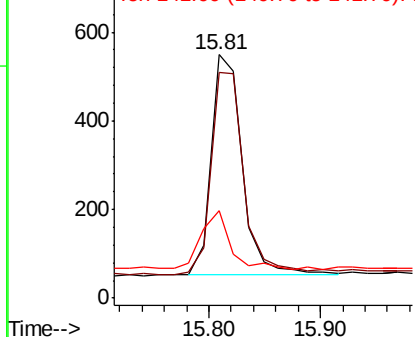


#14
 2,4,6-Tribromophenol
 Concen: 0.429 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100257.D
 Acq: 29 Jun 2019 4:40

Tgt Ion:330 Resp: 970
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.4
 141 25.4 22.0 33.0



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

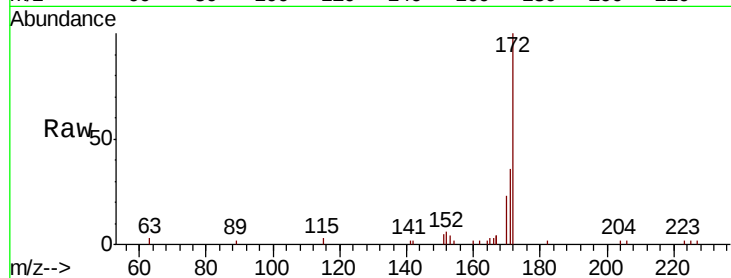




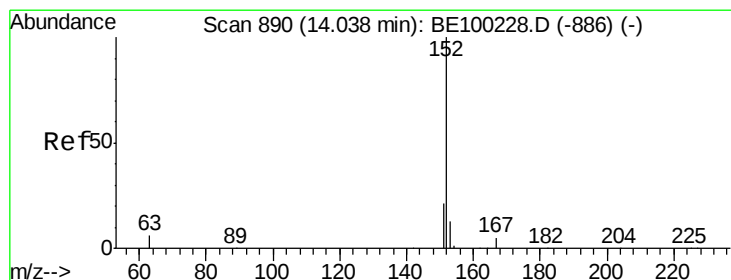
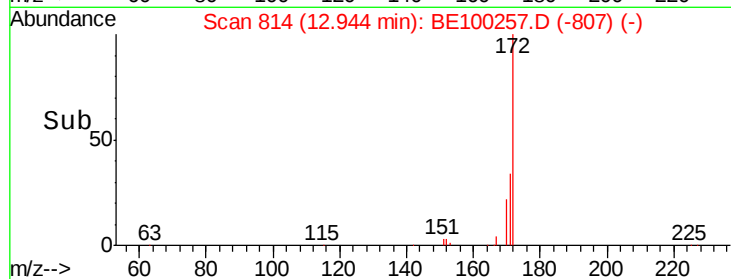
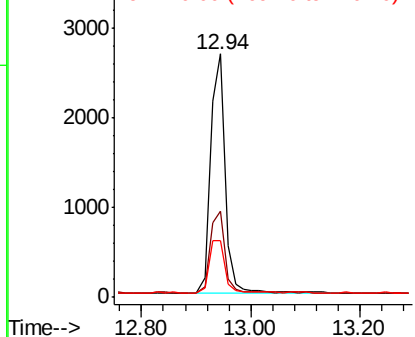
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100257.D
Acq: 29 Jun 2019 4:40

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 5038
Ion Ratio Lower Upper
172 100
171 35.6 31.9 47.9
170 23.5 22.2 33.2

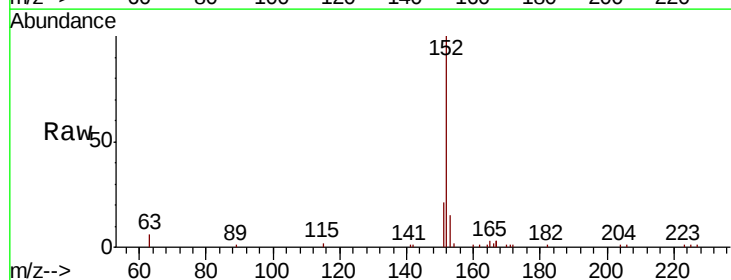


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

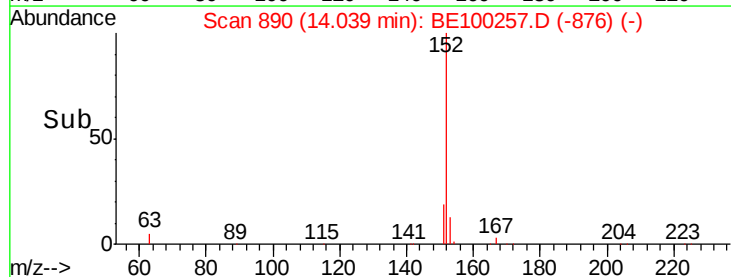
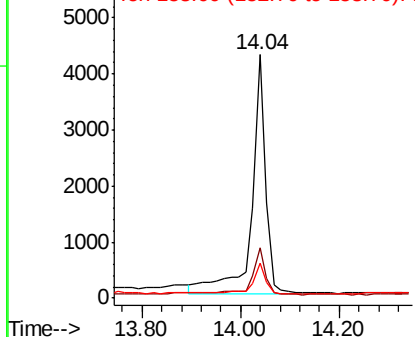


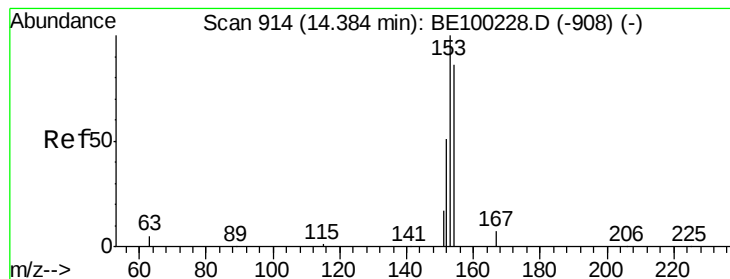
#16
Acenaphthylene
Concen: 0.541 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100257.D
Acq: 29 Jun 2019 4:40

Tgt Ion:152 Resp: 8380
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 12.6 10.5 15.7



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: 0.404 ng

RT: 14.38 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

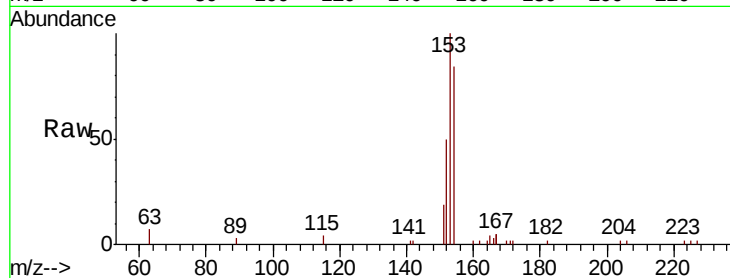
Tgt Ion:154 Resp: 3548

Ion Ratio Lower Upper

154 100

153 118.9 93.4 140.2

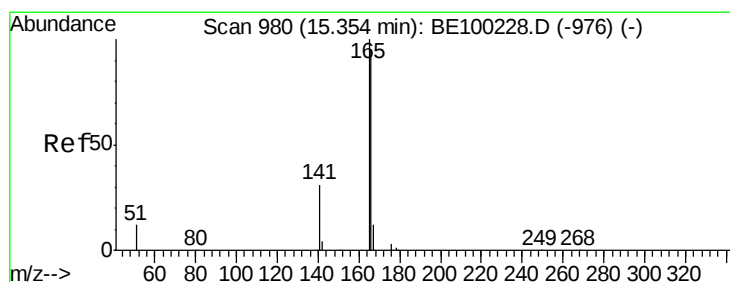
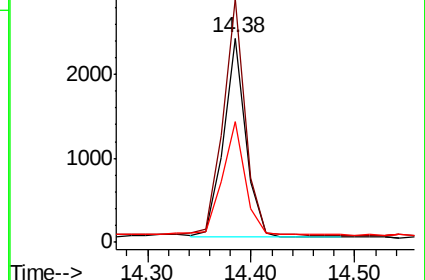
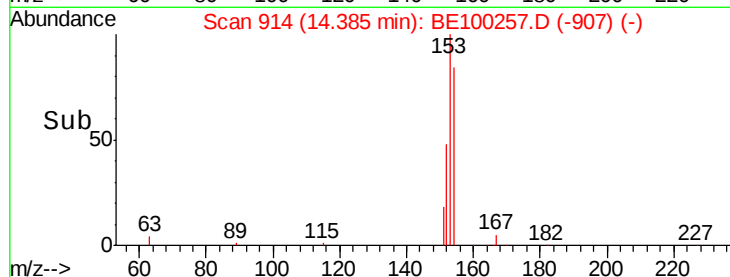
152 57.5 49.4 74.2



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: 0.395 ng

RT: 15.37 min Scan# 981

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

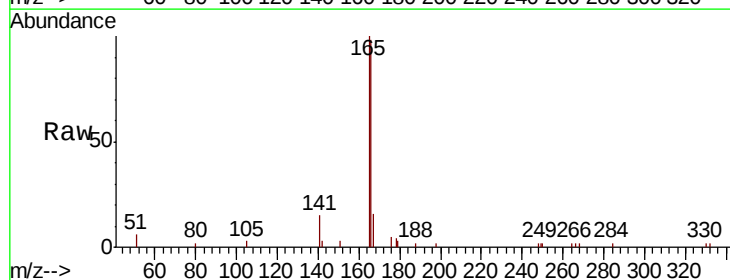
Tgt Ion:166 Resp: 5133

Ion Ratio Lower Upper

166 100

165 104.4 81.1 121.7

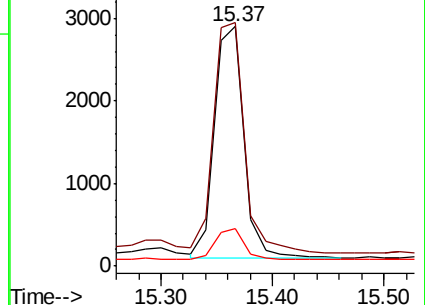
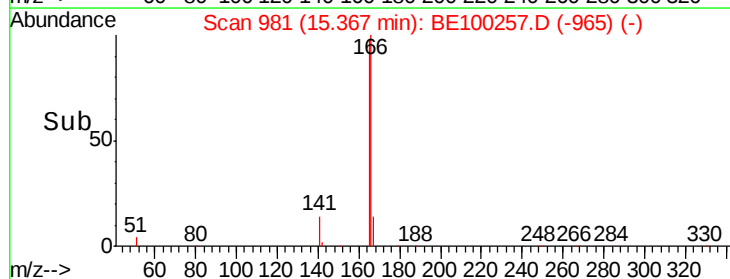
167 13.7 10.7 16.1



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: 17.07 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

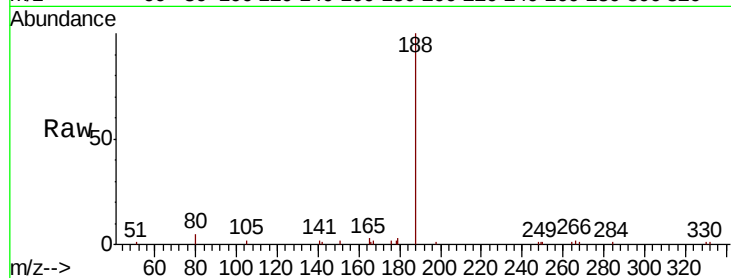
Tgt Ion:188 Resp: 8493

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

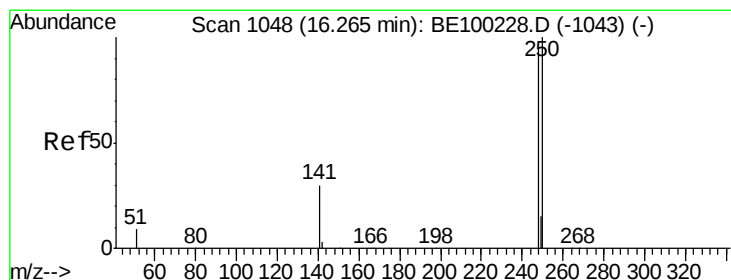
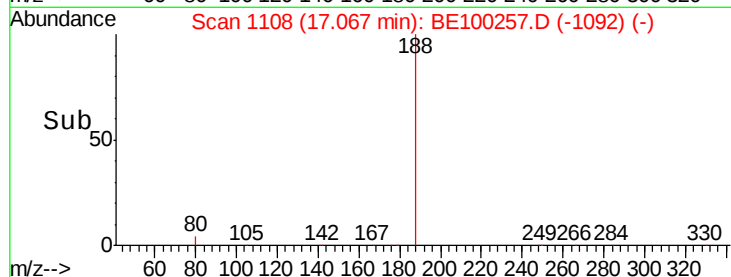
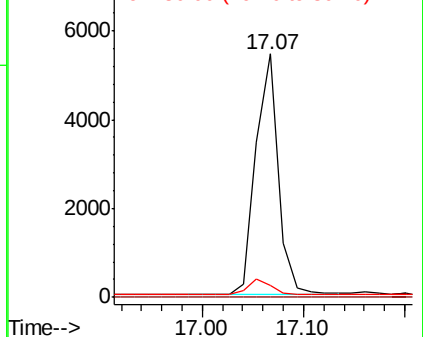
80 5.1 7.6 11.4#



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: 0.446 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

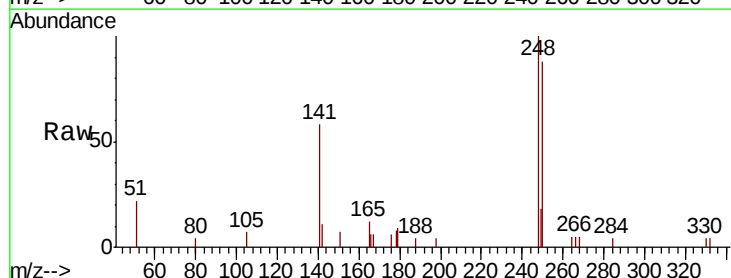
Tgt Ion:248 Resp: 2420

Ion Ratio Lower Upper

248 100

250 88.3 84.2 126.4

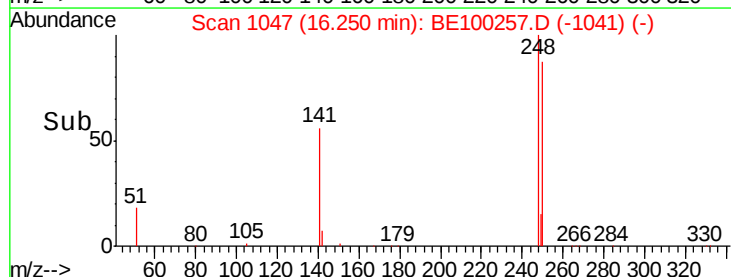
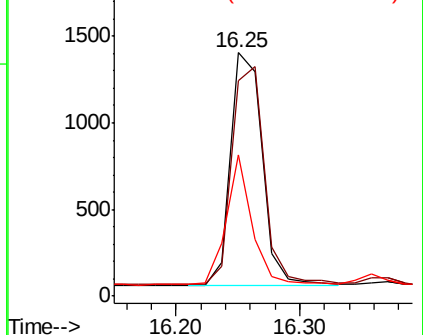
141 57.9 29.3 43.9#

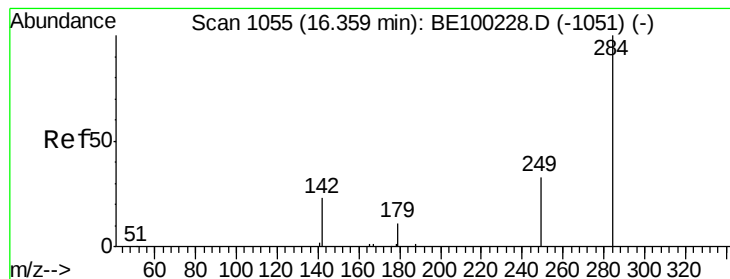


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.425 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

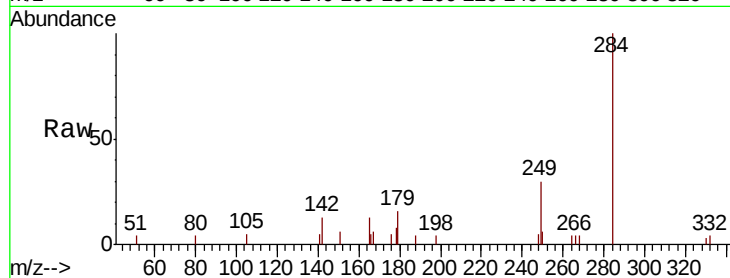
Tgt Ion:284 Resp: 2390

Ion Ratio Lower Upper

284 100

142 23.0 18.8 28.2

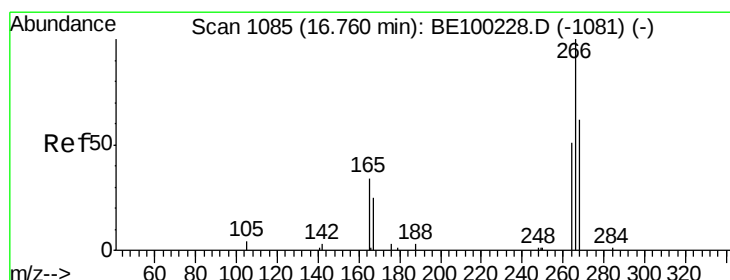
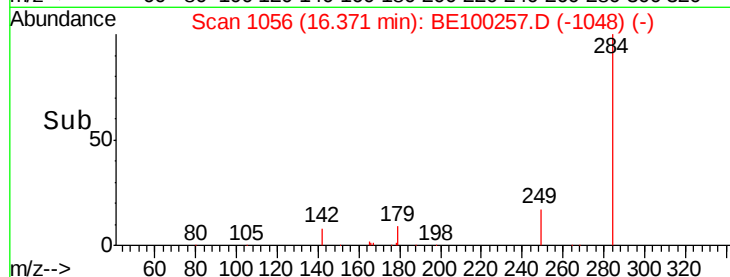
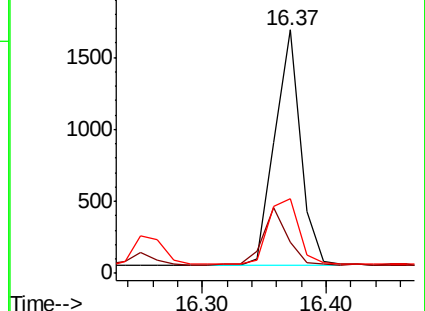
249 32.3 23.7 35.5



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: 0.550 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

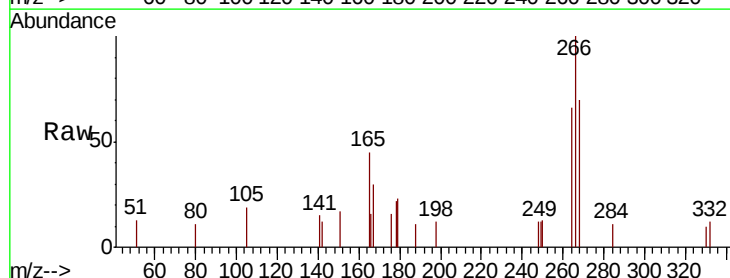
Tgt Ion:266 Resp: 932

Ion Ratio Lower Upper

266 100

264 65.7 56.2 84.2

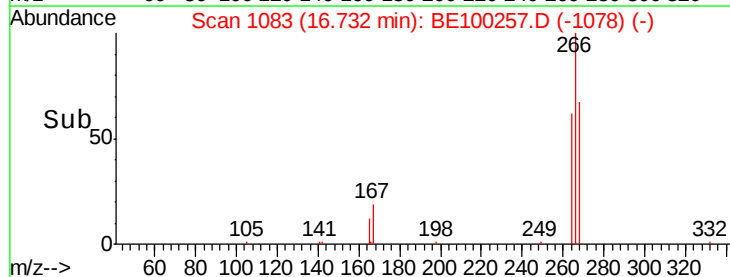
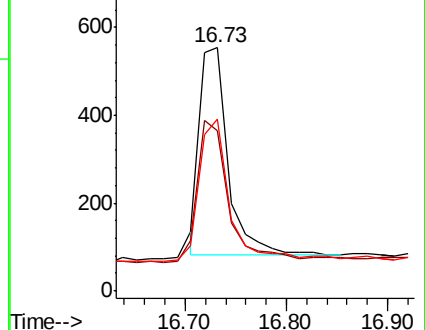
268 70.4 61.8 92.6



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: 0.415 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

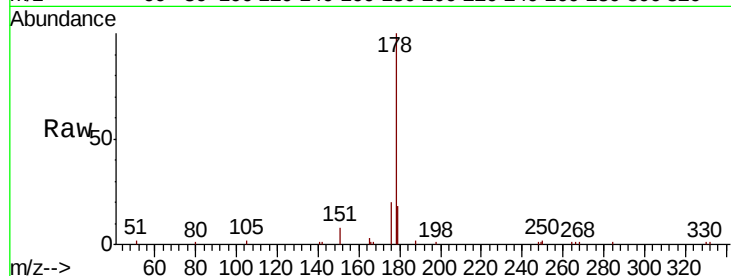
Tgt Ion:178 Resp: 8535

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

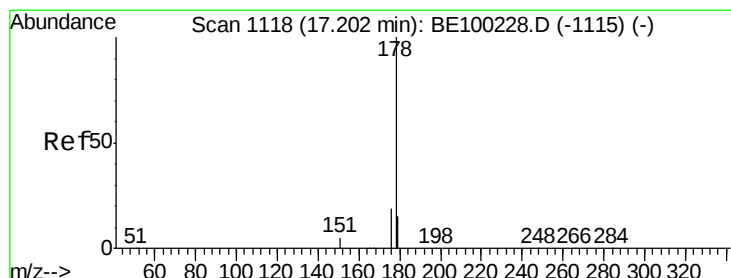
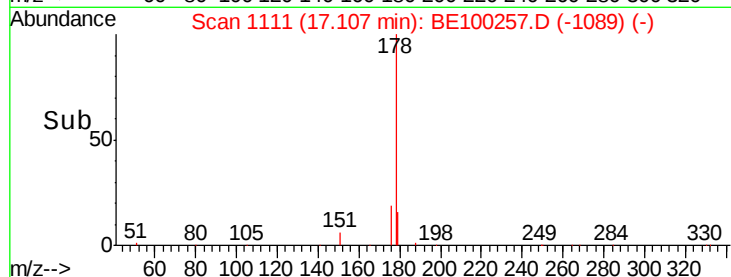
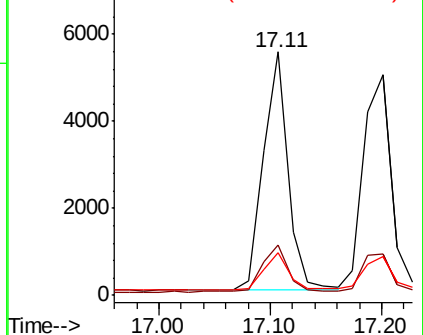
179 16.9 12.2 18.2



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: 0.466 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

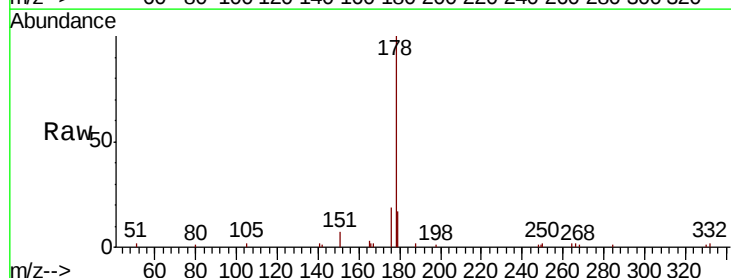
Tgt Ion:178 Resp: 8634

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

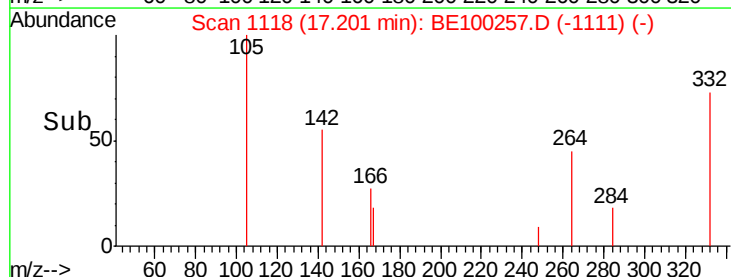
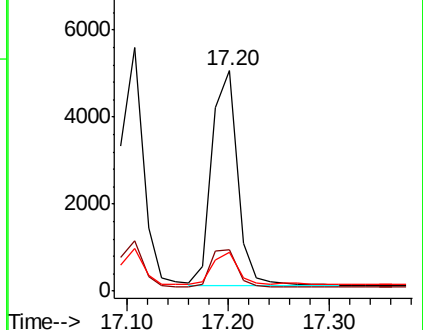
179 14.0 12.2 18.2

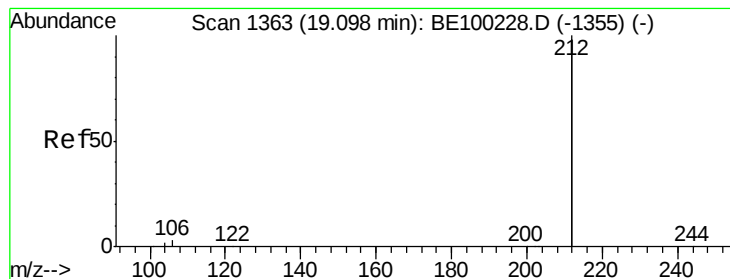


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

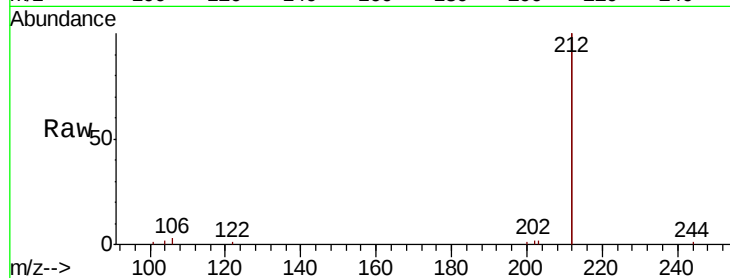
Tgt Ion:212 Resp: 48624

Ion Ratio Lower Upper

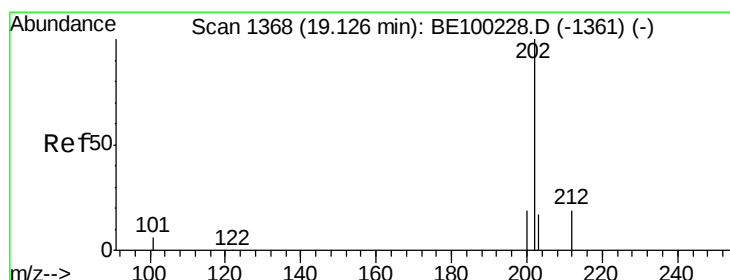
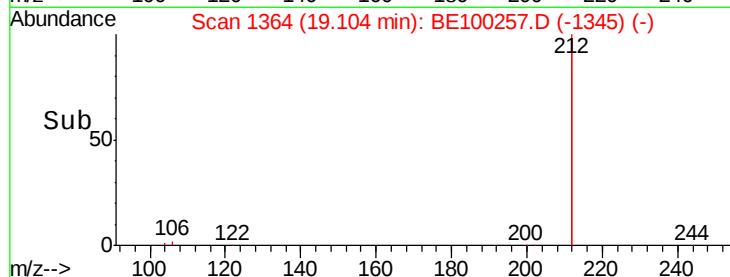
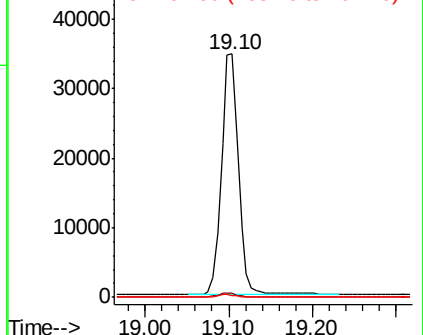
212 100

106 1.5 1.3 1.9

104 0.9 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.383 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

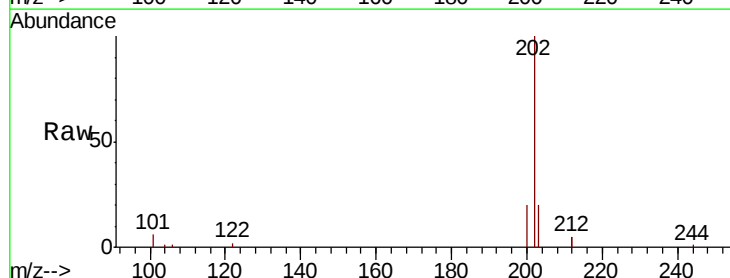
Tgt Ion:202 Resp: 12551

Ion Ratio Lower Upper

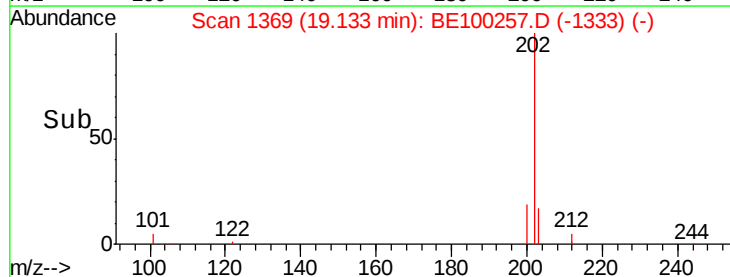
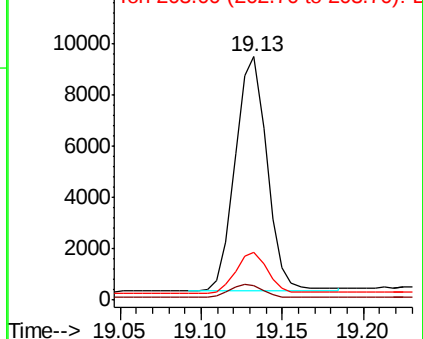
202 100

101 5.8 4.6 7.0

203 17.6 13.7 20.5



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





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

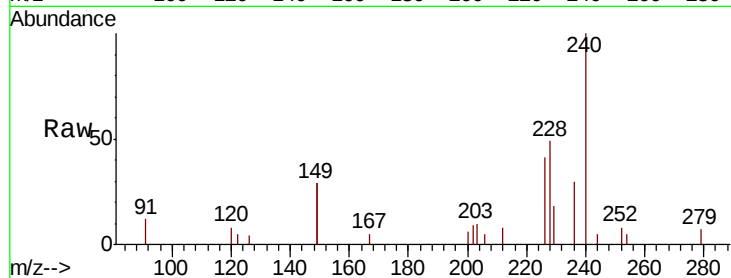
Tgt Ion:240 Resp: 10341

Ion Ratio Lower Upper

240 100

120 8.1 3.3 4.9#

236 30.5 22.6 34.0

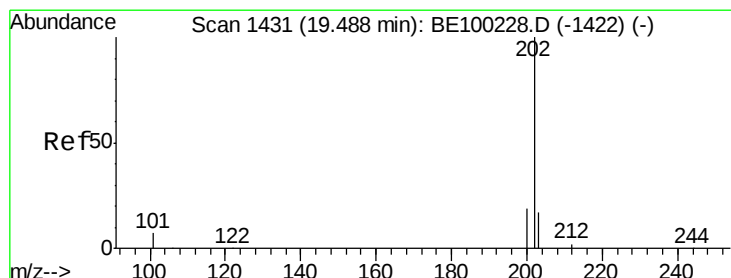
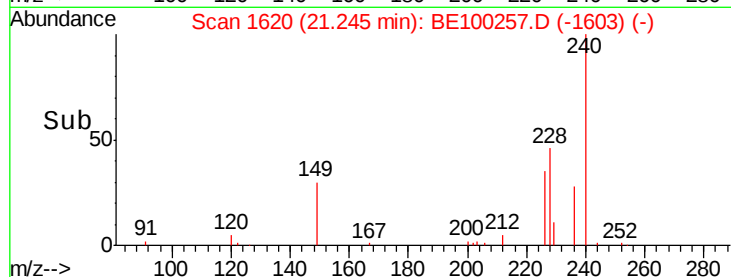
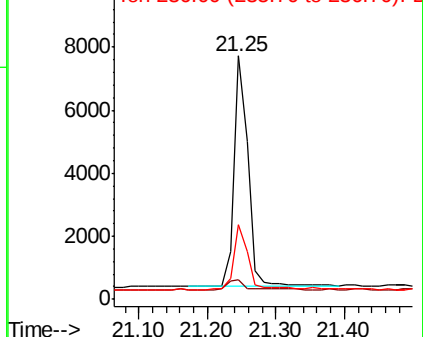


Abundance

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: 0.472 ng

RT: 19.49 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

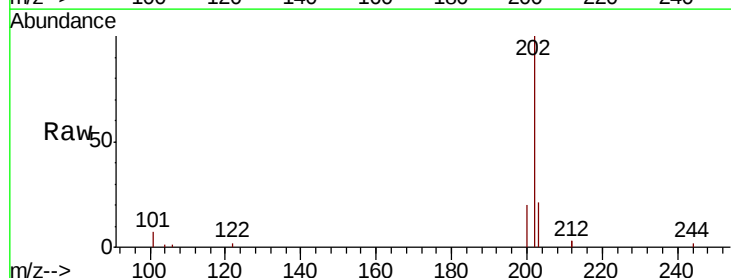
Tgt Ion:202 Resp: 12929

Ion Ratio Lower Upper

202 100

200 20.0 15.6 23.4

203 20.6 14.0 21.0

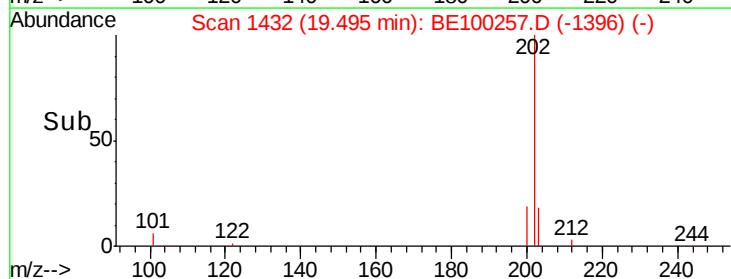
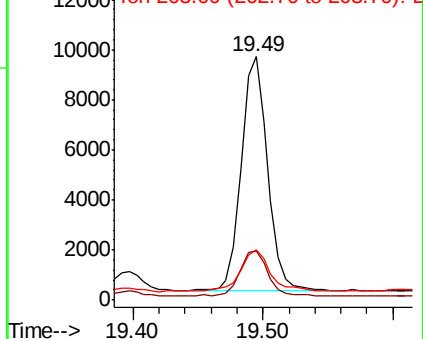


Abundance

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: 0.471 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

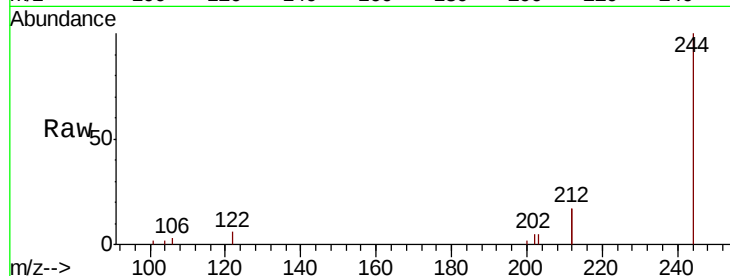
Tgt Ion:244 Resp: 10097

Ion Ratio Lower Upper

244 100

212 34.6 27.3 40.9

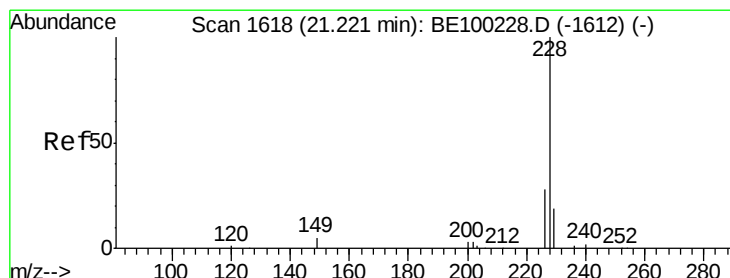
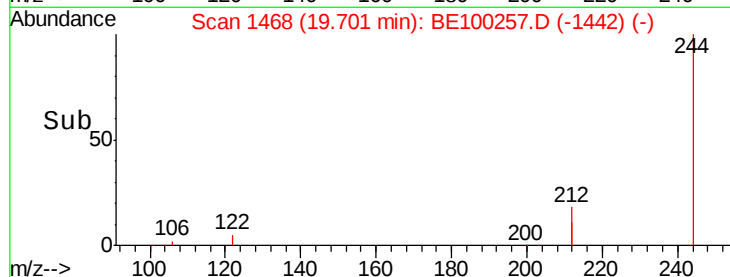
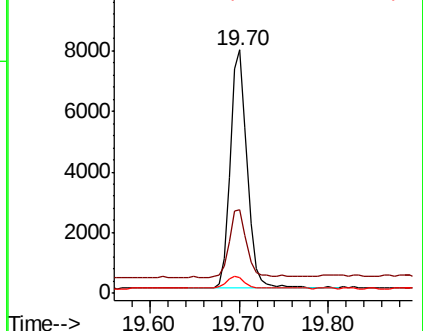
122 6.5 4.7 7.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.447 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

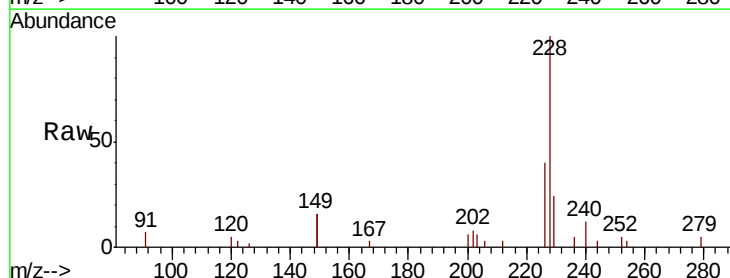
Tgt Ion:228 Resp: 15215

Ion Ratio Lower Upper

228 100

226 39.8 23.2 34.8#

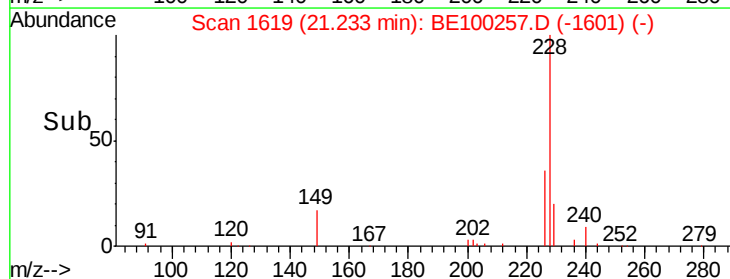
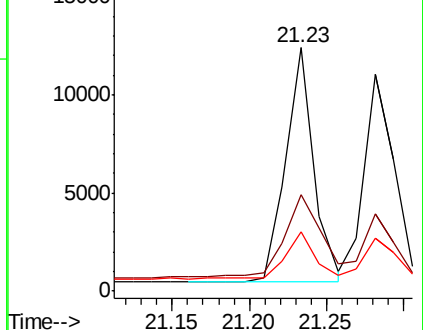
229 24.4 15.7 23.5#

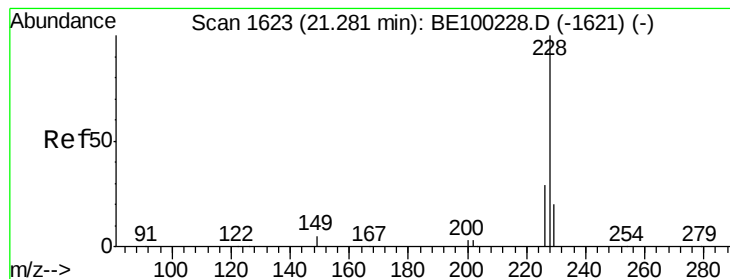


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.408 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

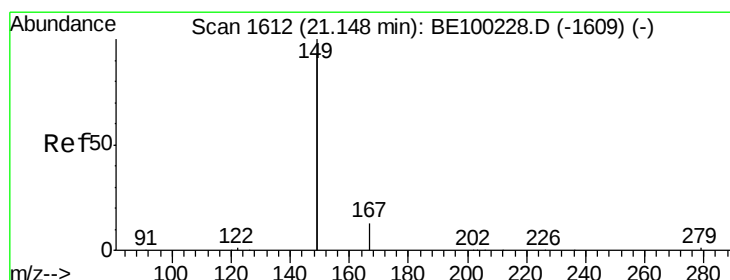
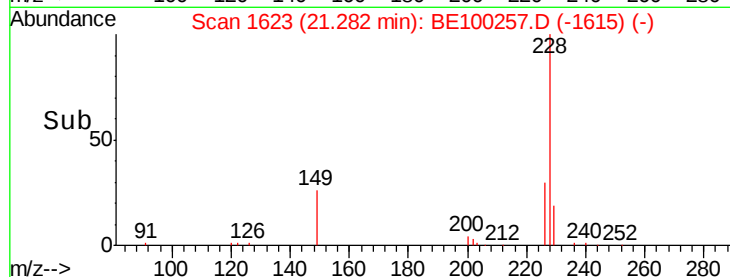
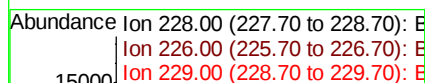
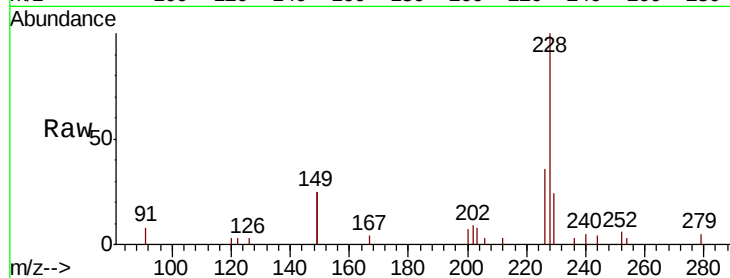
Tgt Ion:228 Resp: 13933

Ion Ratio Lower Upper

228 100

226 35.8 23.9 35.9

229 24.1 16.5 24.7



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.426 ng

RT: 21.16 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

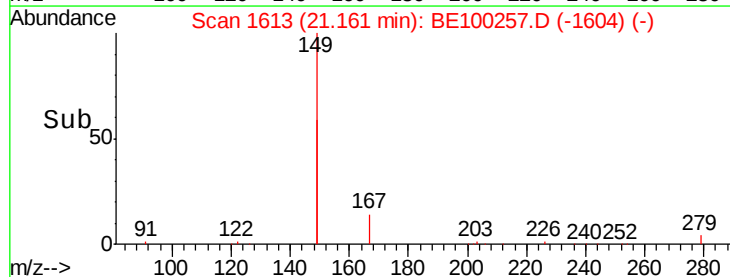
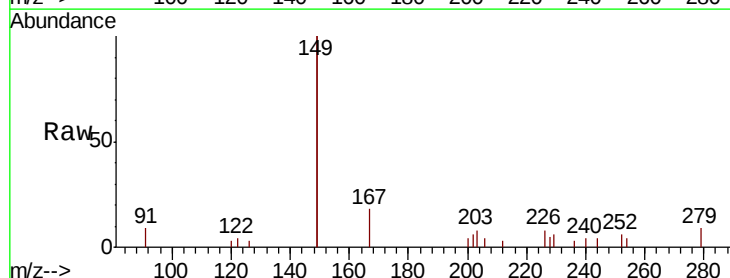
Tgt Ion:149 Resp: 23217

Ion Ratio Lower Upper

149 100

167 8.7 5.8 8.8

279 2.1 1.1 1.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.367 ng

RT: 26.24 min Scan# 2860

Delta R.T. 0.02 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

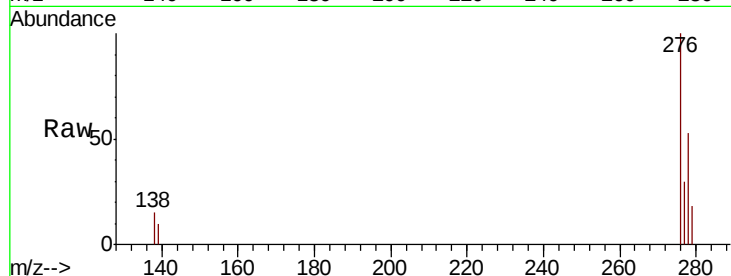
Tgt Ion:276 Resp: 16572

Ion Ratio Lower Upper

276 100

138 11.7 9.4 14.0

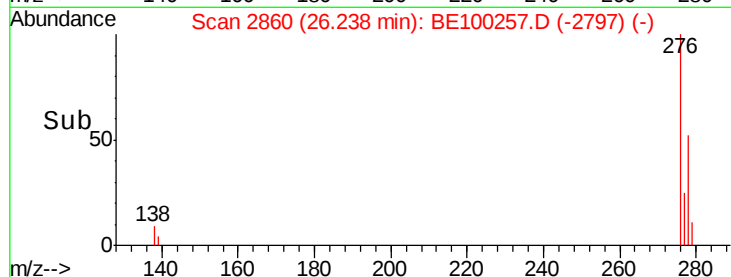
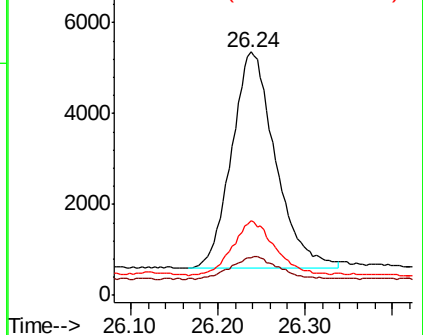
277 23.7 19.2 28.8



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: 23.68 min Scan# 2146

Delta R.T. 0.02 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

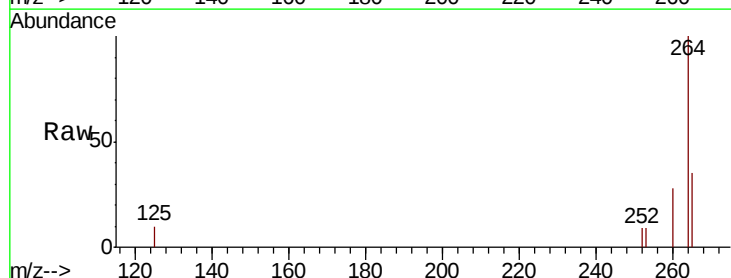
Tgt Ion:264 Resp: 12381

Ion Ratio Lower Upper

264 100

260 27.7 20.8 31.2

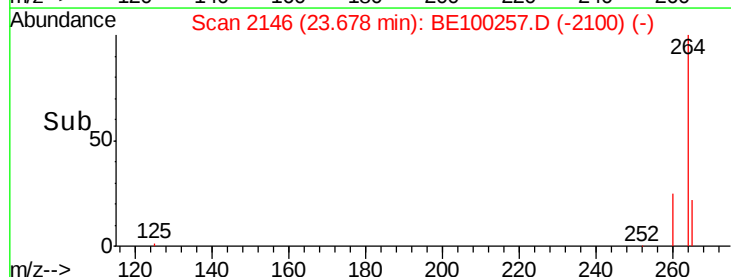
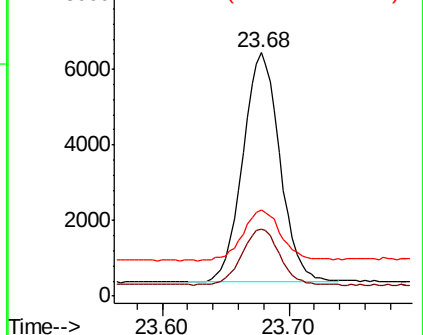
265 35.4 21.8 32.6#



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

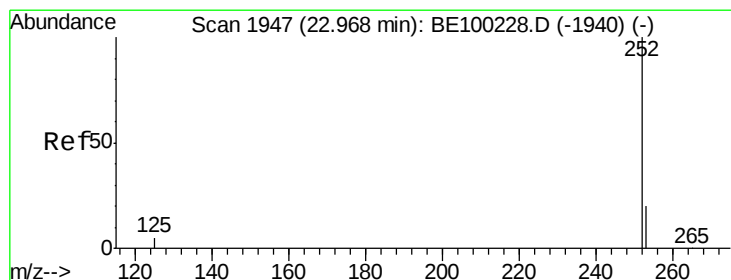
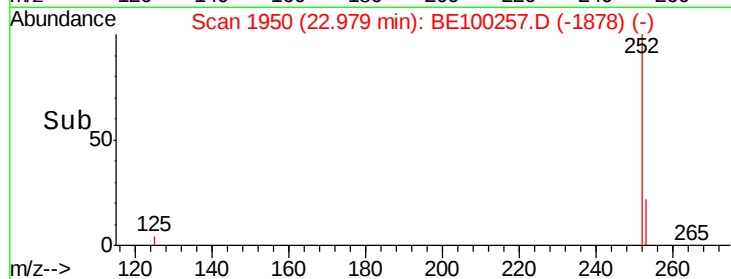
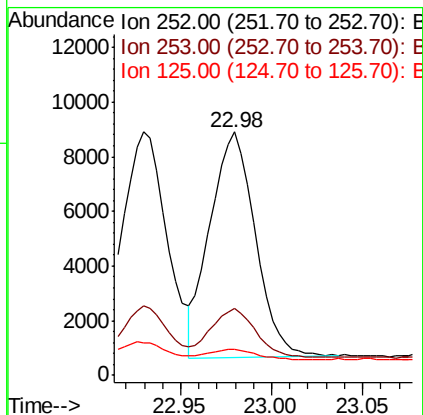
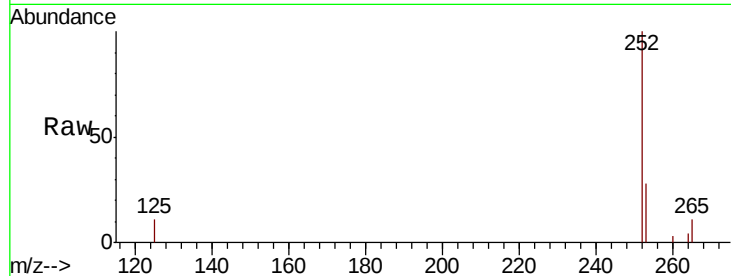




#35
Benzo(b)fluoranthene
Concen: 0.425 ng
RT: 22.98 min Scan# 1950
Delta R.T. 0.06 min
Lab File: BE100257.D
Acq: 29 Jun 2019 4:40

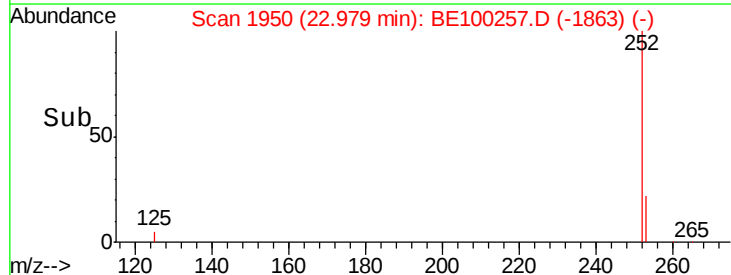
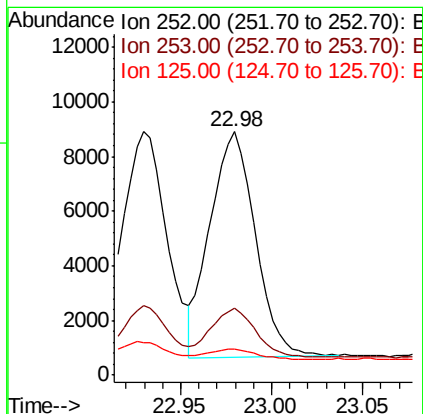
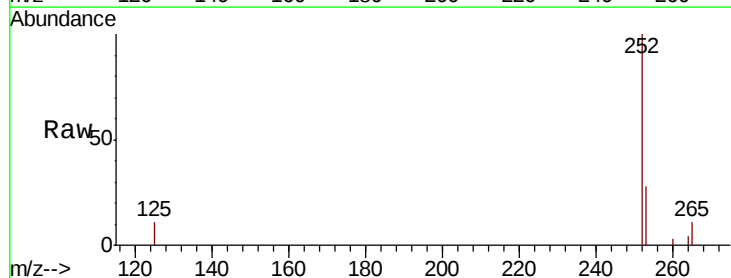
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 252 Resp: 14253
Ion Ratio Lower Upper
252 100
253 27.6 19.2 28.8
125 10.8 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 22.98 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BE100257.D
Acq: 29 Jun 2019 4:40

Tgt Ion: 252 Resp: 14253
Ion Ratio Lower Upper
252 100
253 27.6 17.9 26.9#
125 10.8 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.57 min Scan# 2115

Delta R.T. 0.02 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

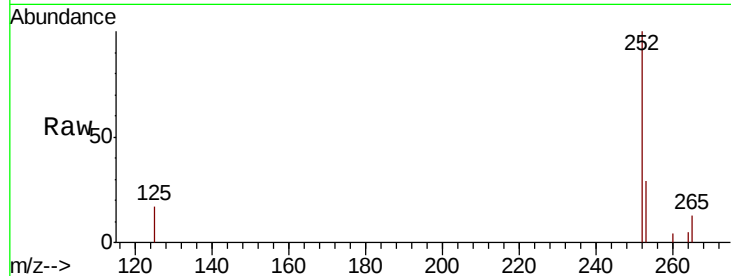
Tgt Ion: 252 Resp: 13787

Ion Ratio Lower Upper

252 100

253 29.3 19.6 29.4

125 16.9 9.0 13.6#

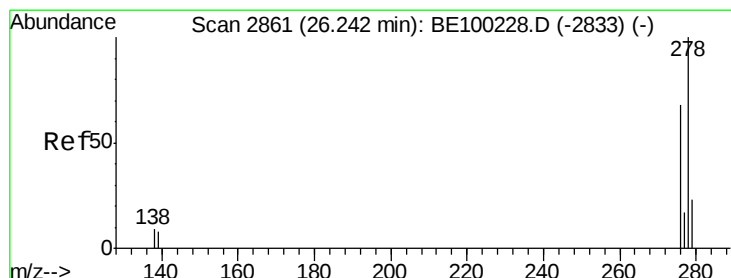
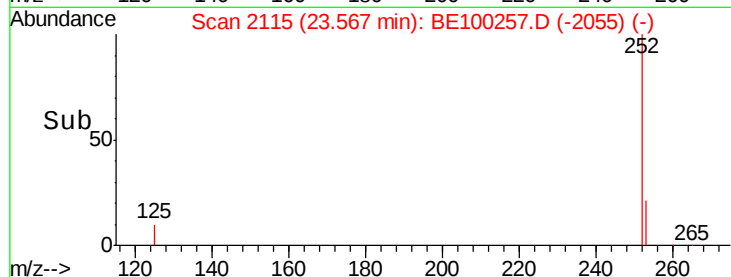
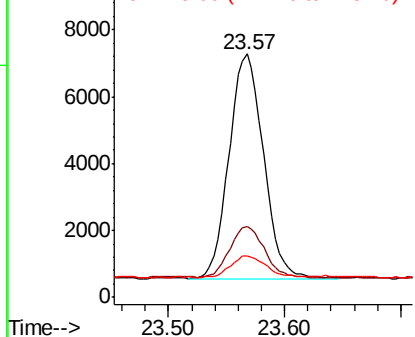


Abundance

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: 0.394 ng

RT: 26.26 min Scan# 2865

Delta R.T. 0.01 min

Lab File: BE100257.D

Acq: 29 Jun 2019 4:40

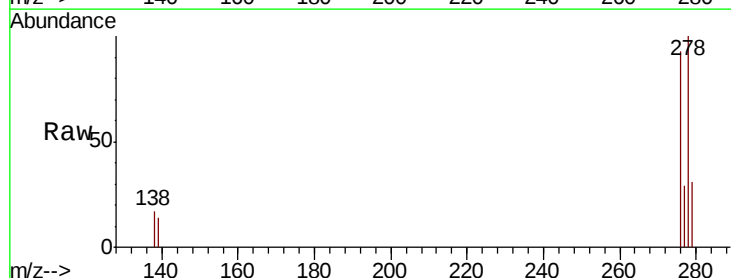
Tgt Ion: 278 Resp: 13832

Ion Ratio Lower Upper

278 100

139 13.9 8.2 12.2#

279 31.1 20.3 30.5#

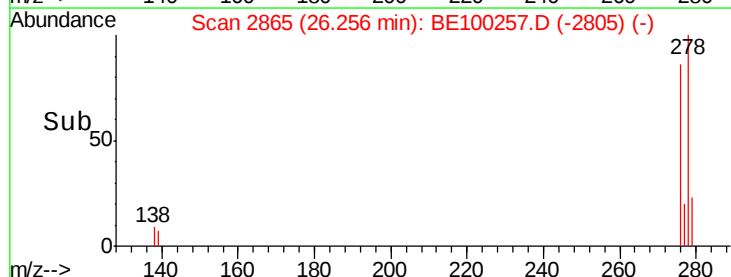
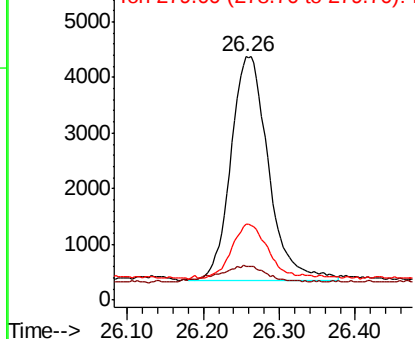


Abundance

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: 0.371 ng

RT: 27.03 min Scan# 3081

Delta R.T. 0.02 min

Lab File: BE100257.D

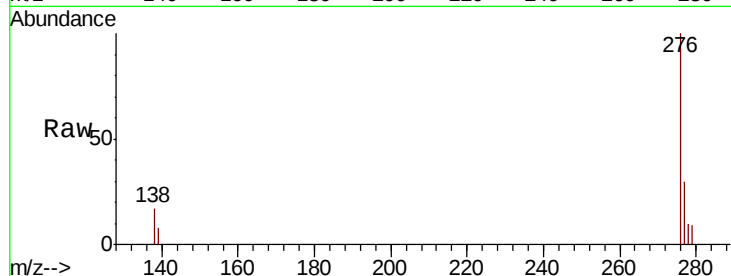
Acq: 29 Jun 2019 4:40

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 13387

Ion Ratio Lower Upper

276 100

277 30.5 20.2 30.2#

138 16.5 9.0 13.6#

