

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092319\
 Data File : BE100548.D
 Acq On : 23 Sep 2019 20:37
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Sep 24 05:50:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	5884	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	27543	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	15734	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	34848	0.40	ng	0.00
27) Chrysene-d12	21.37	240	37482	0.40	ng	0.00
34) Perylene-d12	23.83	264	42406	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	6189	0.45	ng	0.00
5) Phenol-d6	7.02	99	8128	0.43	ng	0.00
8) Nitrobenzene-d5	9.00	82	6397	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	16276	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1142	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	22147	0.39	ng	0.00
25) Fluoranthene-d10	19.22	212	155535	0.38	ng	0.00
29) Terphenyl-d14	19.82	244	35896	0.40	ng	0.00

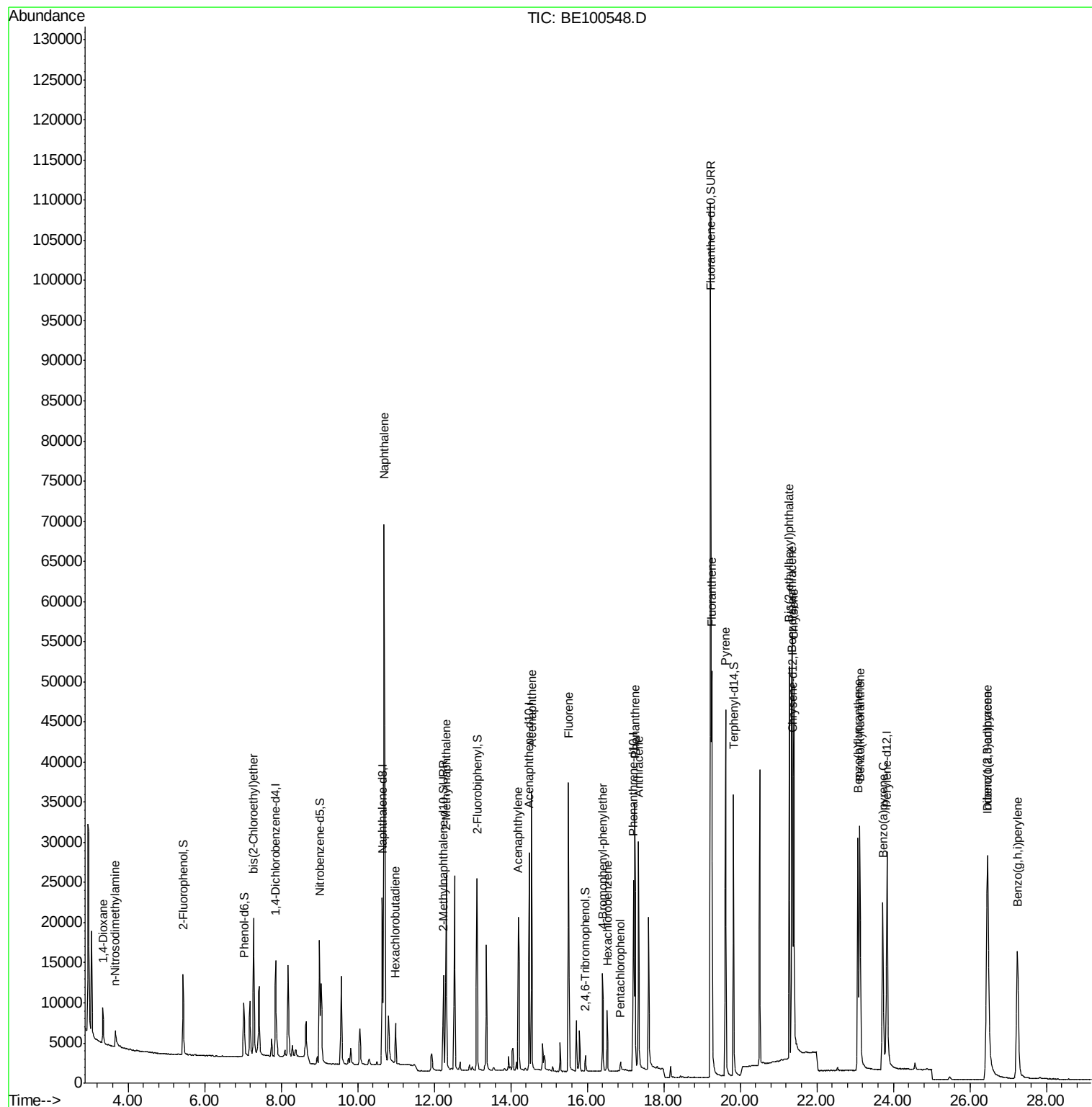
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3257	0.384	ng	# 93
3) n-Nitrosodimethylamine	3.67	42	1877	0.377	ng	# 98
6) bis(2-Chloroethyl)ether	7.27	93	7506	0.394	ng	91
9) Naphthalene	10.69	128	112032	0.392	ng	100
10) Hexachlorobutadiene	10.99	225	3569	0.391	ng	99
12) 2-Methylnaphthalene	12.31	142	17729	0.390	ng	99
16) Acenaphthylene	14.20	152	24499	0.378	ng	100
17) Acenaphthene	14.54	154	16987	0.388	ng	98
18) Fluorene	15.51	166	20912	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	6160	0.376	ng	91
21) Hexachlorobenzene	16.52	284	5282	0.370	ng	99
22) Pentachlorophenol	16.87	266	947	0.453	ng	97
23) Phenanthrene	17.24	178	37282	0.384	ng	99
24) Anthracene	17.33	178	29893	0.366	ng	99
26) Fluoranthene	19.25	202	43921	0.375	ng	100
28) Pyrene	19.62	202	44267	0.410	ng	100
30) Benzo(a)anthracene	21.34	228	41298	0.413	ng	100
31) Chrysene	21.40	228	43672	0.383	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	53209	0.493	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	50035	0.395	ng	99
35) Benzo(b)fluoranthene	23.08	252	42220	0.368	ng	99
36) Benzo(k)fluoranthene	23.13	252	50219	0.378	ng	98
37) Benzo(a)pyrene	23.72	252	39781	0.372	ng	100
38) Dibenzo(a,h)anthracene	26.47	278	41018	0.368	ng	99
39) Benzo(g,h,i)perylene	27.24	276	42546	0.365	ng	100

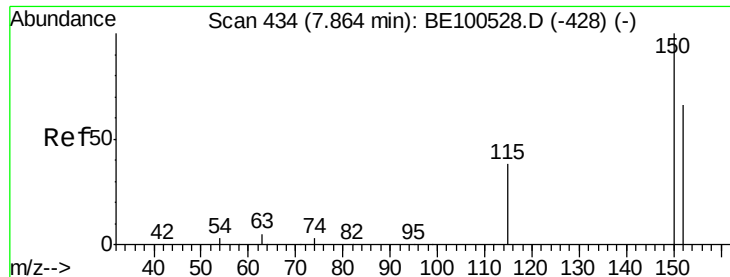
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

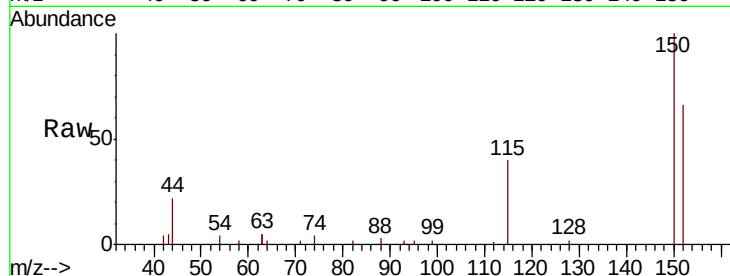
Tot Ion:152 Resp: 5884

Ion Ratio Lower Upper

152 100

150 151.4 121.6 182.4

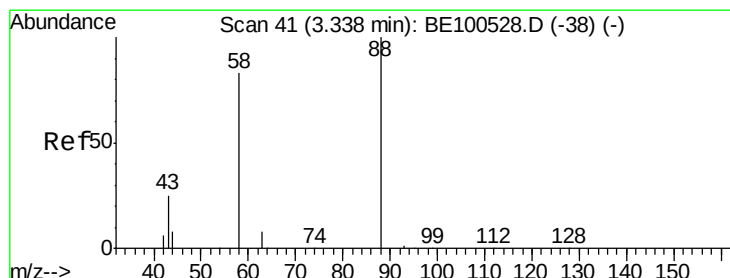
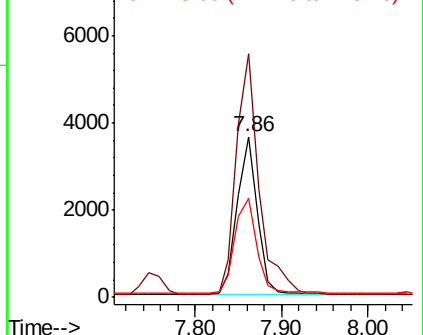
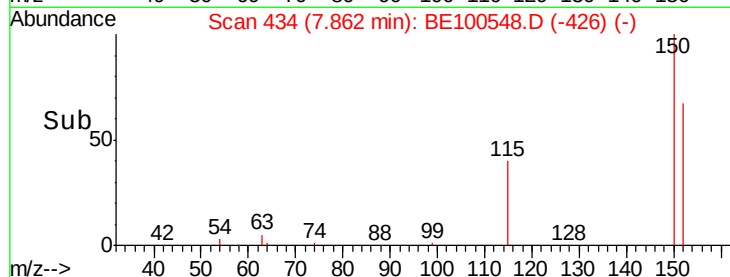
115 61.2 48.2 72.4



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: 0.384 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

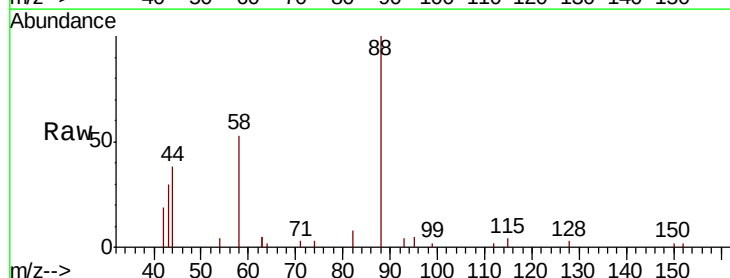
Tgt Ion: 88 Resp: 3257

Ion Ratio Lower Upper

88 100

58 71.1 53.3 79.9

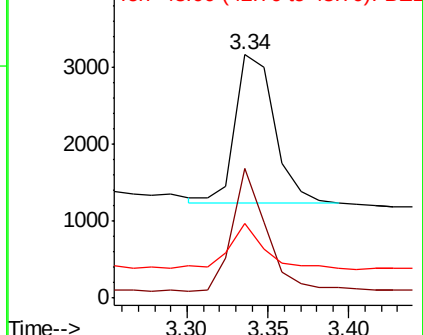
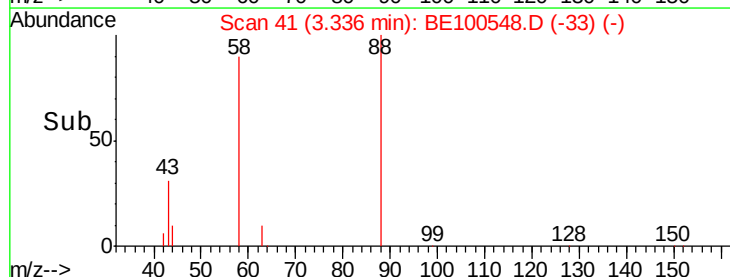
43 26.1 16.9 25.3#

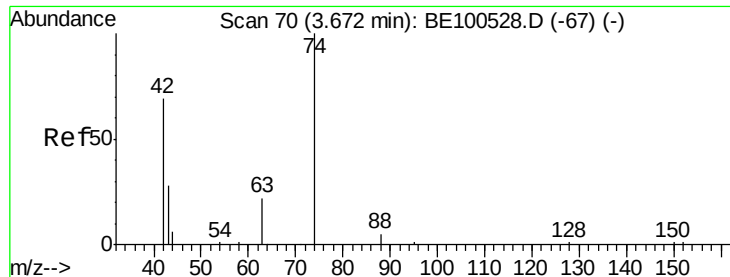


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.377 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

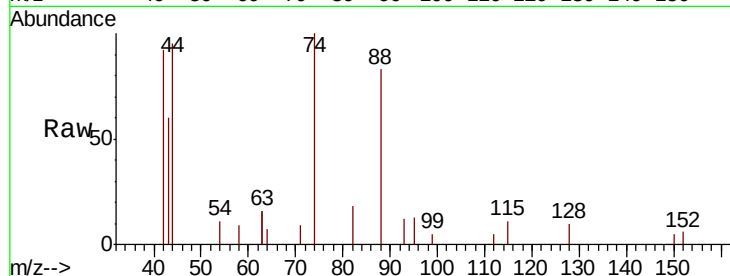
Tot Ion: 42 Resp: 1877

Ion Ratio Lower Upper

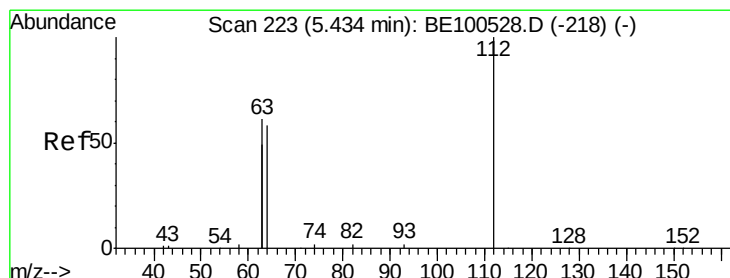
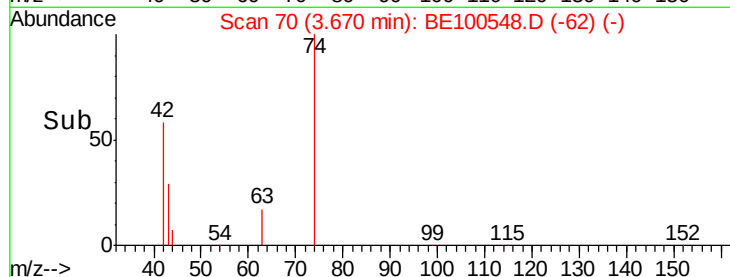
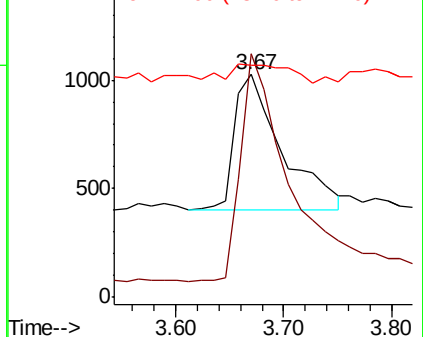
42 100

74 167.4 133.8 200.6

44 19.0 6.4 9.6#



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: 0.449 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

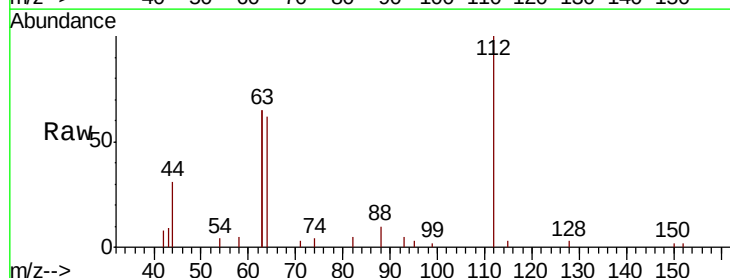
Tgt Ion: 112 Resp: 6189

Ion Ratio Lower Upper

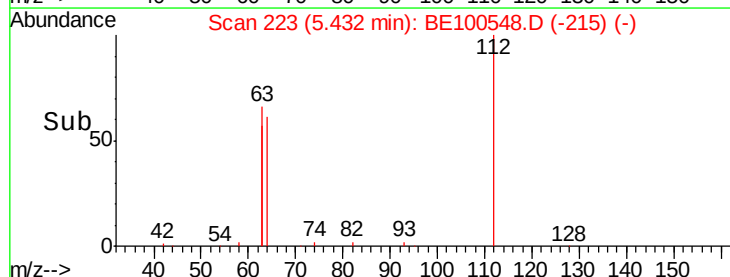
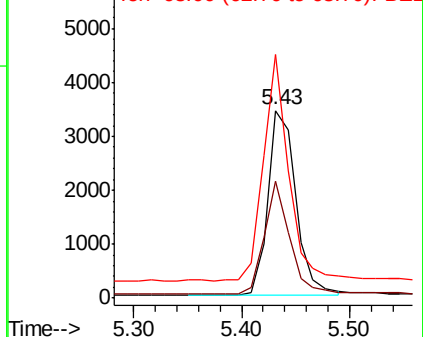
112 100

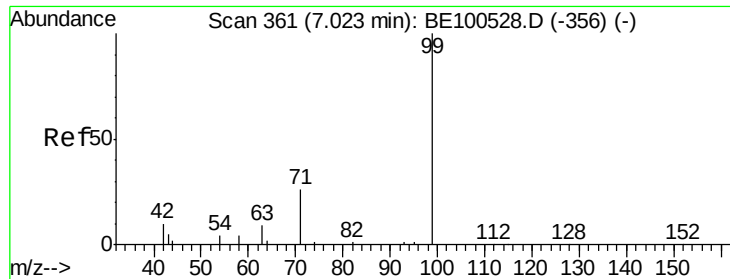
64 55.2 44.1 66.1

63 111.4 86.5 129.7



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: 0.431 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

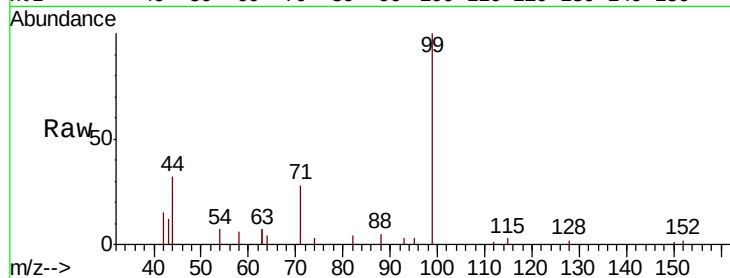
Tot Ion: 99 Resp: 8128

Ion Ratio Lower Upper

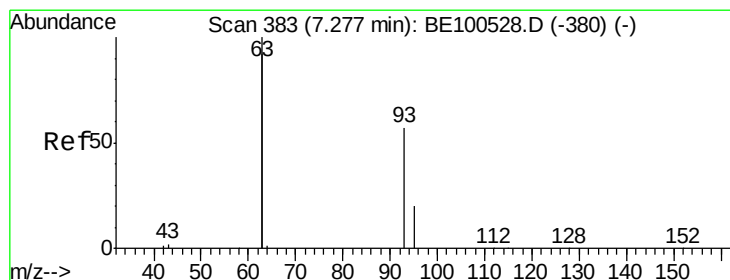
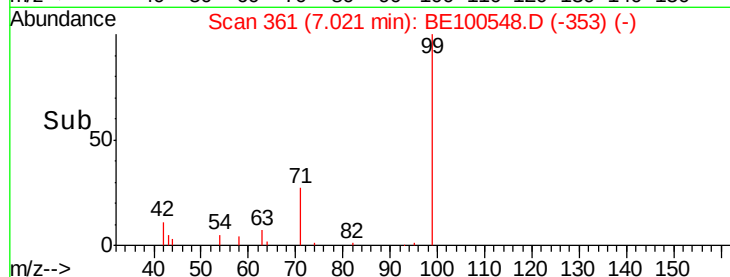
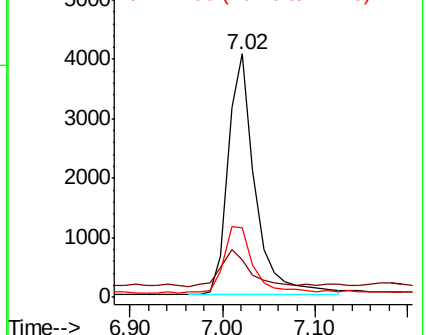
99 100

42 15.5 13.0 19.6

71 30.0 23.4 35.0



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: 0.394 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

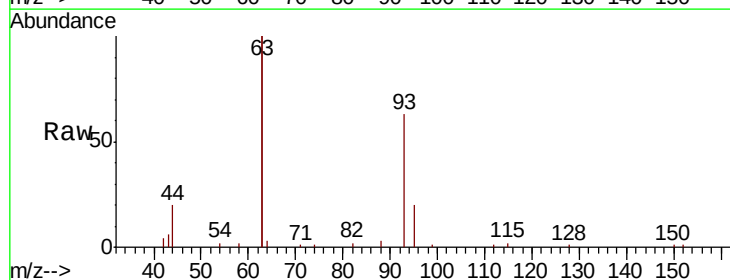
Tgt Ion: 93 Resp: 7506

Ion Ratio Lower Upper

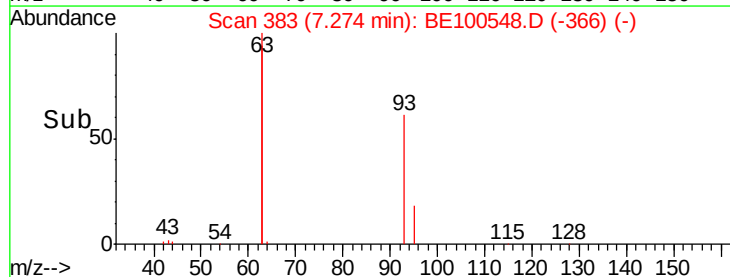
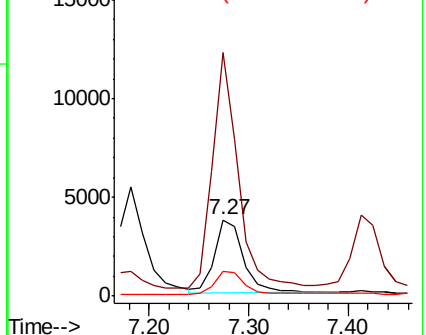
93 100

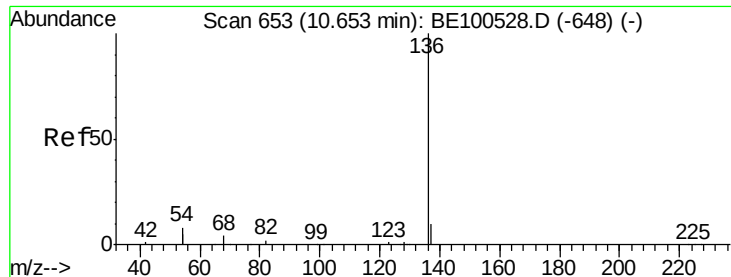
63 283.6 213.4 320.0

95 31.2 23.7 35.5



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: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 27543

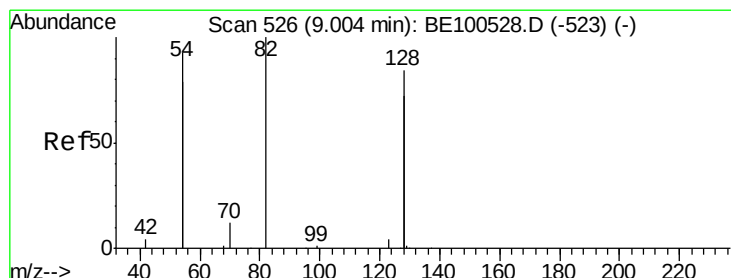
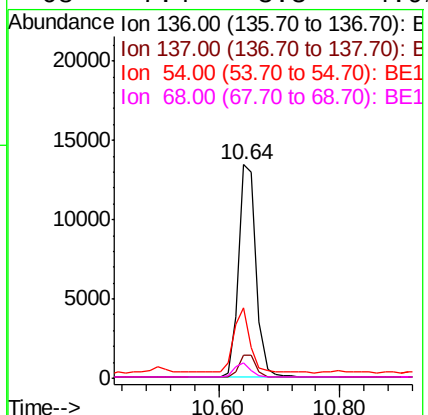
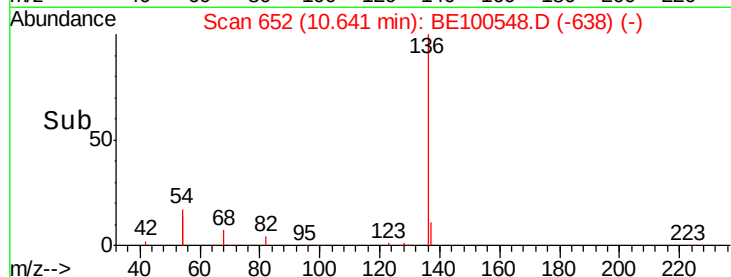
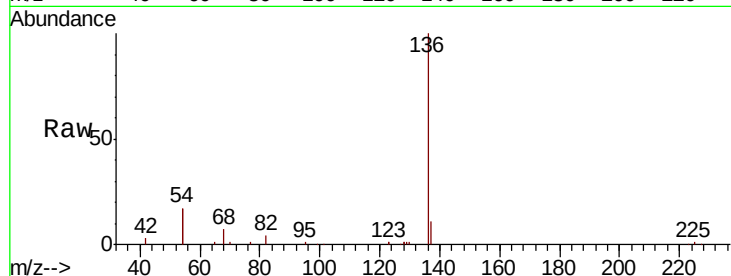
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 33.0 12.4 18.6#

68 7.4 3.3 4.9#



#8

Nitrobenzene-d5

Concen: 0.403 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

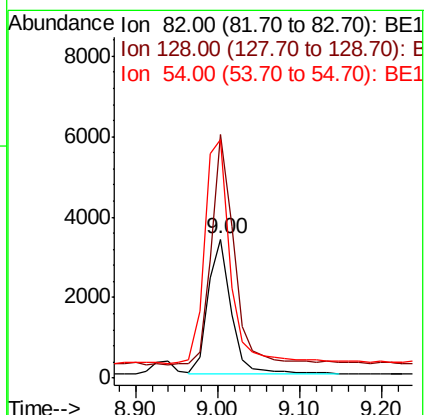
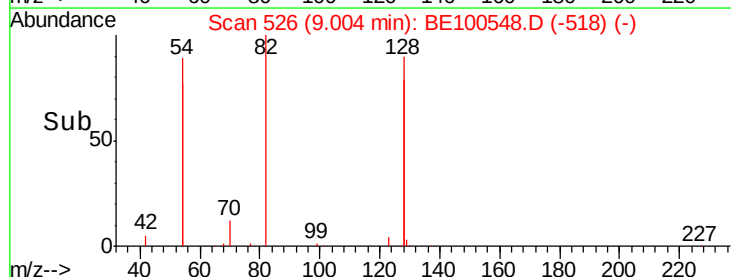
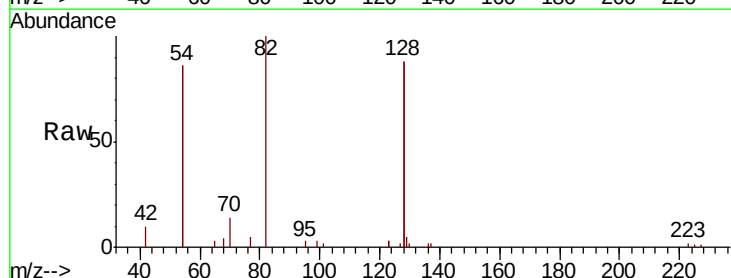
Tgt Ion: 82 Resp: 6397

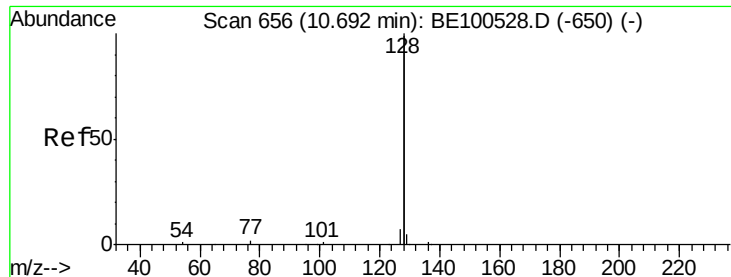
Ion Ratio Lower Upper

82 100

128 175.5 129.4 194.2

54 172.1 143.3 214.9





#9

Naphthalene

Concen: 0.392 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

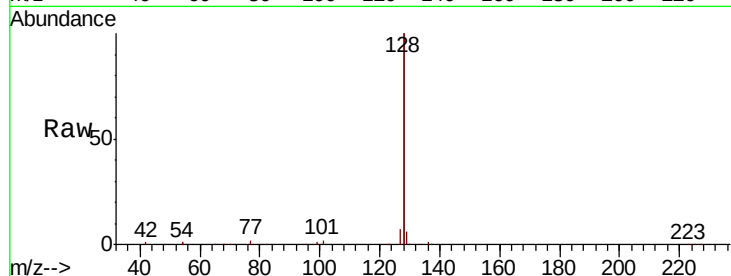
Tot Ion:128 Resp: 112032

Ion Ratio Lower Upper

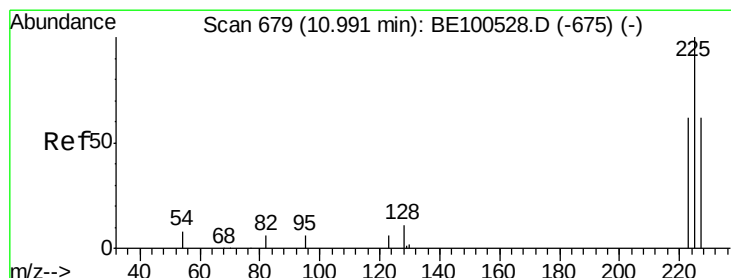
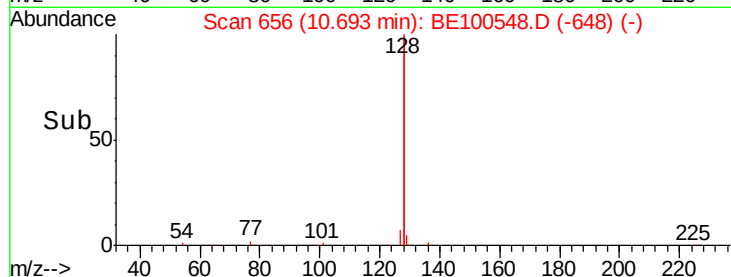
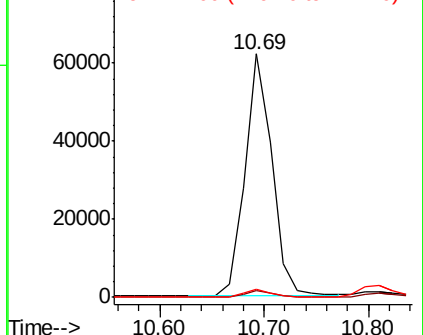
128 100

129 2.9 2.2 3.4

127 3.4 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.391 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

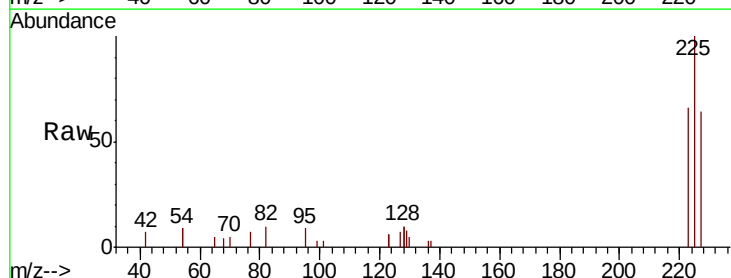
Tgt Ion:225 Resp: 3569

Ion Ratio Lower Upper

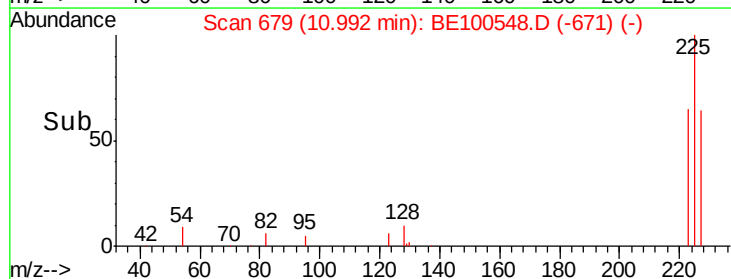
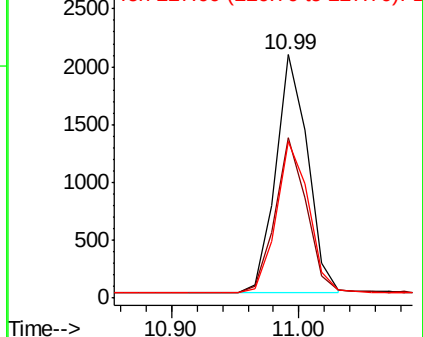
225 100

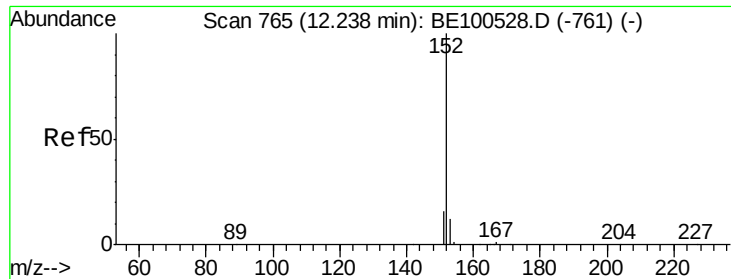
223 63.0 49.7 74.5

227 63.8 51.4 77.2



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

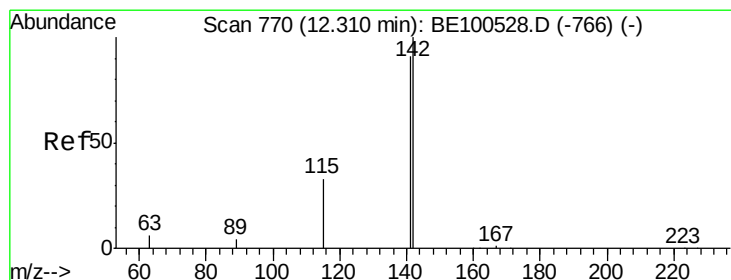
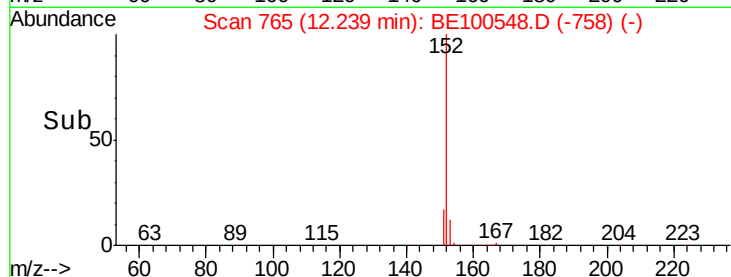
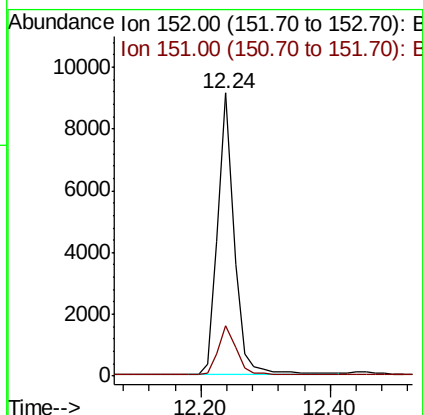
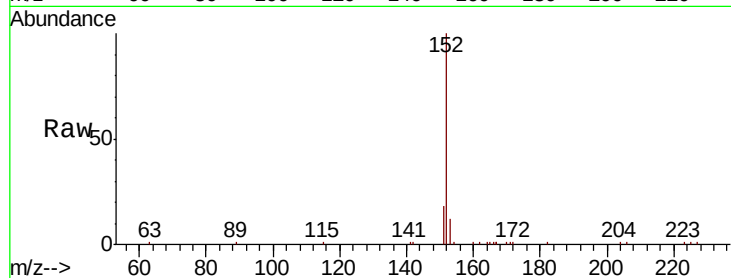




#11
 2-Methylnaphthalene-d10
 Concen: 0.395 ng
 RT: 12.24 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BE100548.D
 Acq: 23 Sep 2019 20:37

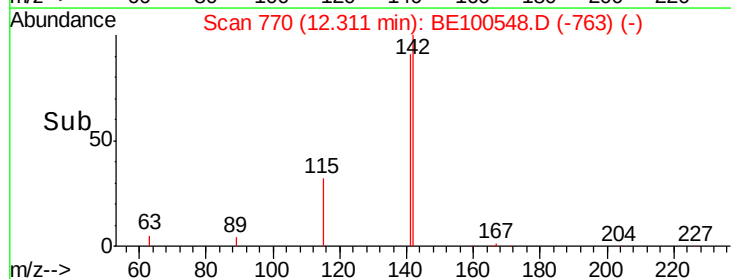
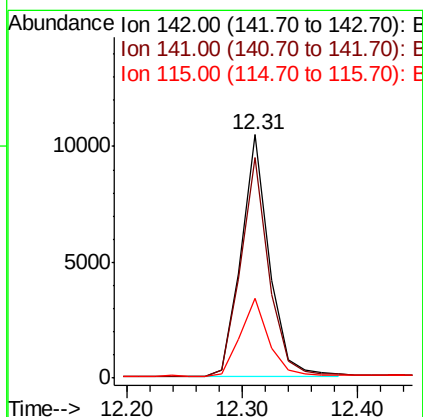
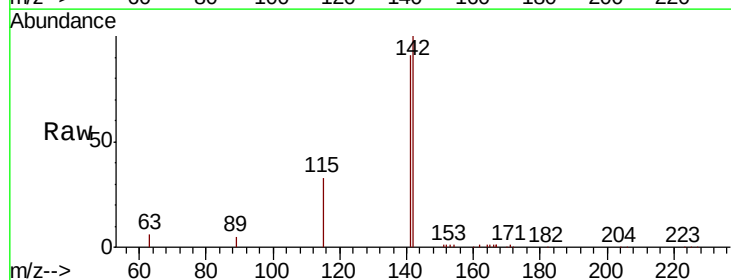
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

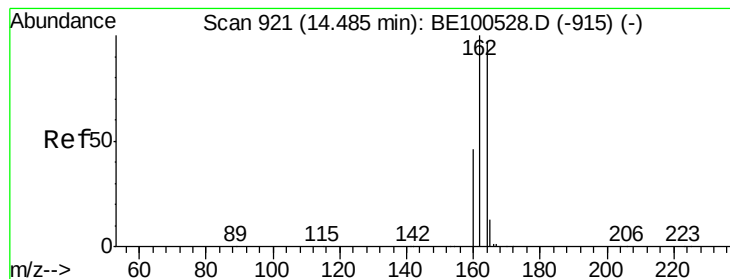
Tot Ion:152 Resp: 16276
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.390 ng
 RT: 12.31 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BE100548.D
 Acq: 23 Sep 2019 20:37

Tgt Ion:142 Resp: 17729
 Ion Ratio Lower Upper
 142 100
 141 90.5 72.5 108.7
 115 32.7 27.2 40.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

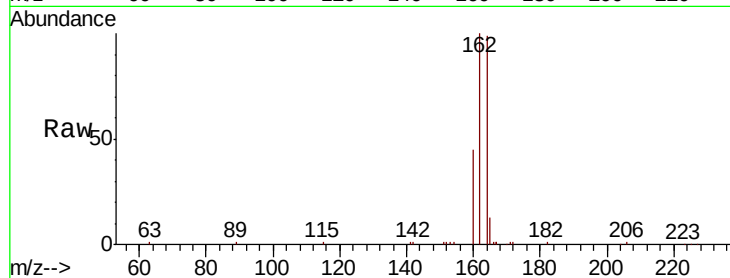
Tot Ion:164 Resp: 15734

Ion Ratio Lower Upper

164 100

162 101.4 82.1 123.1

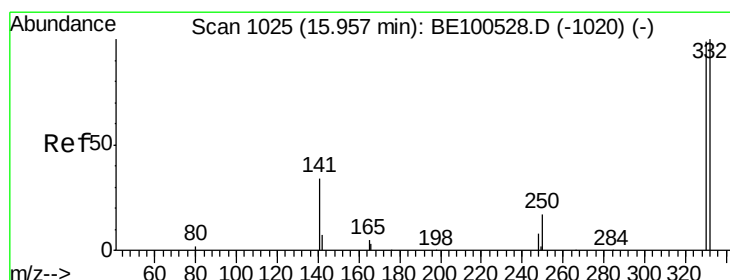
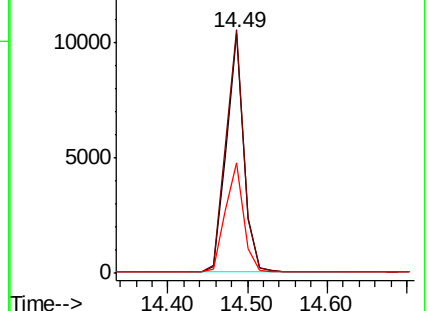
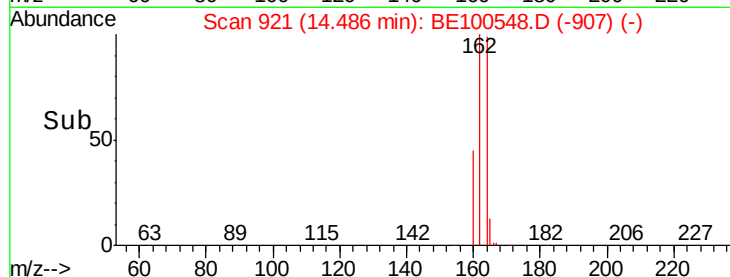
160 45.8 37.6 56.4



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: 0.449 ng

RT: 15.96 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

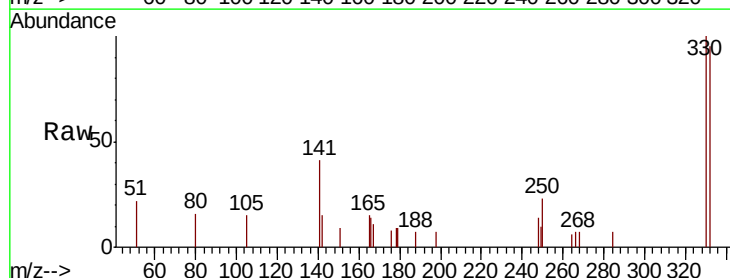
Tgt Ion:330 Resp: 1142

Ion Ratio Lower Upper

330 100

332 95.0 75.5 113.3

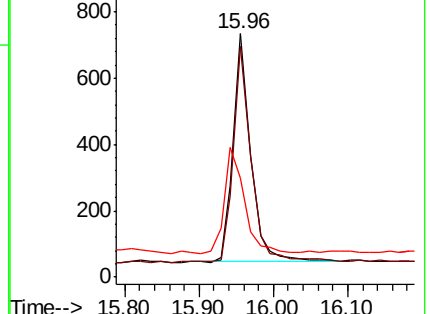
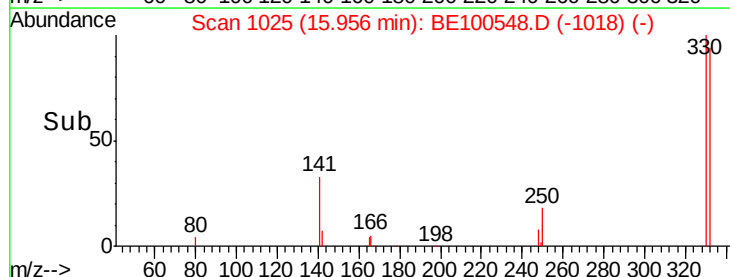
141 53.3 42.3 63.5

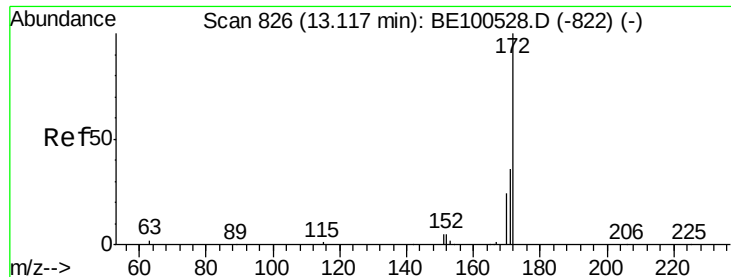


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

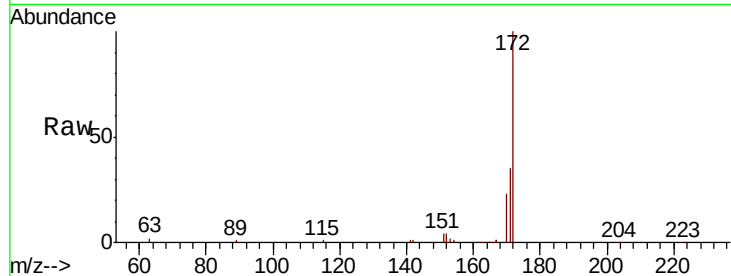




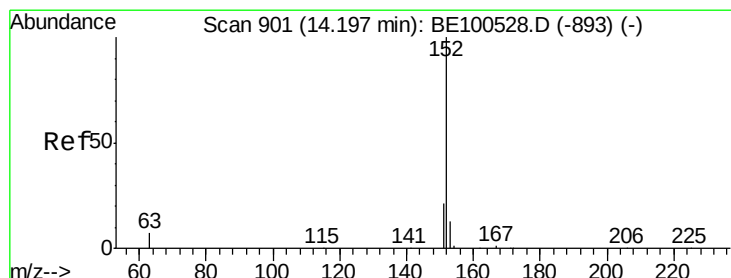
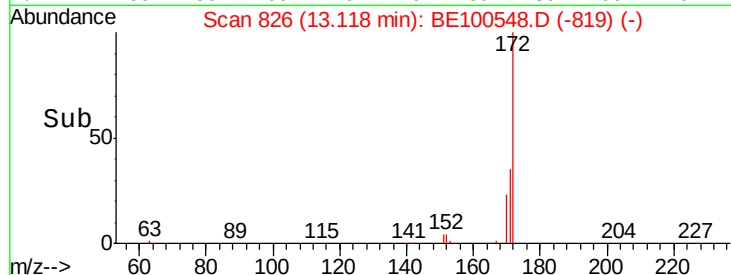
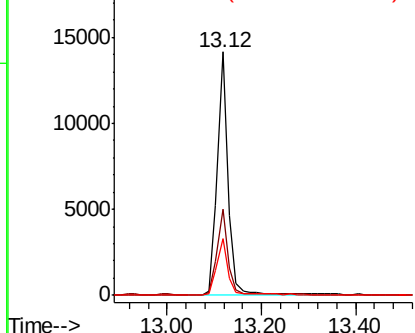
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 22147
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.2 19.4 29.0

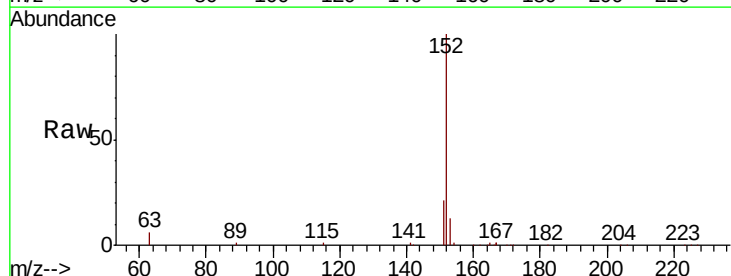


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

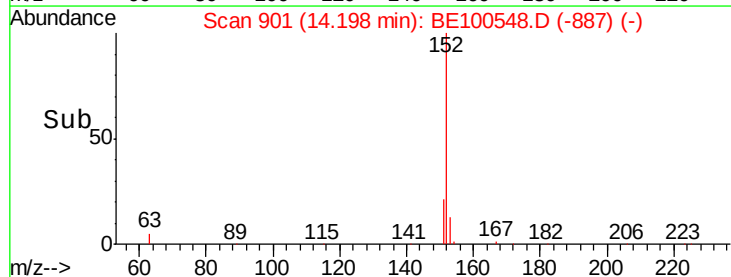
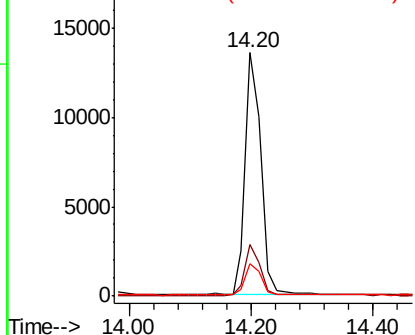


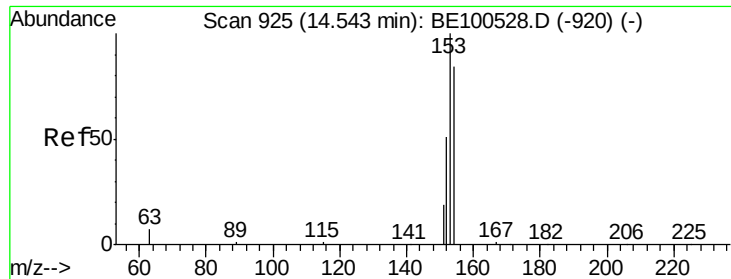
#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

Tgt Ion:152 Resp: 24499
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.7 16.1



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

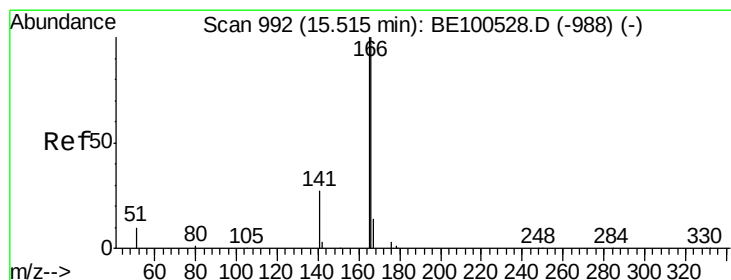
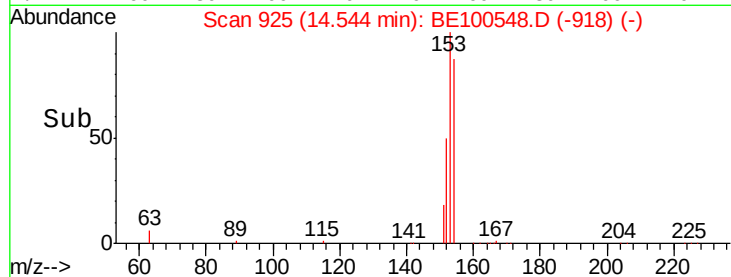
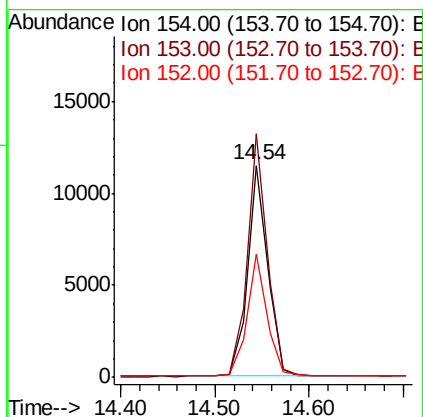
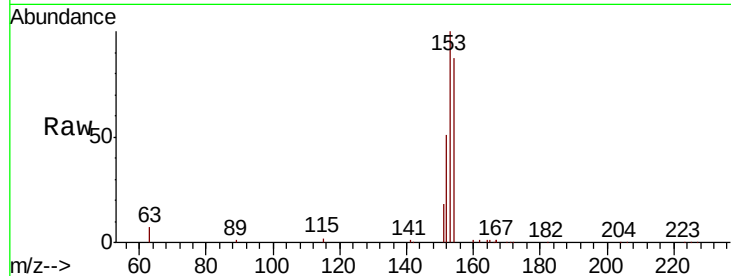




#17
Acenaphthene
Concen: 0.388 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

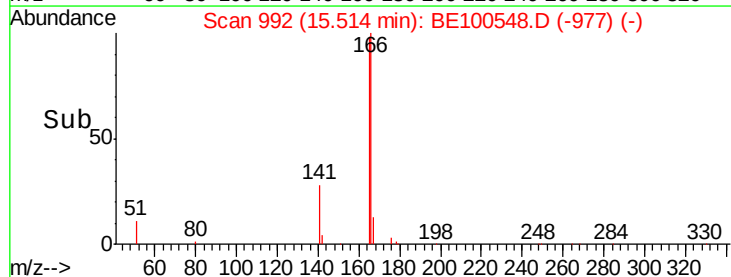
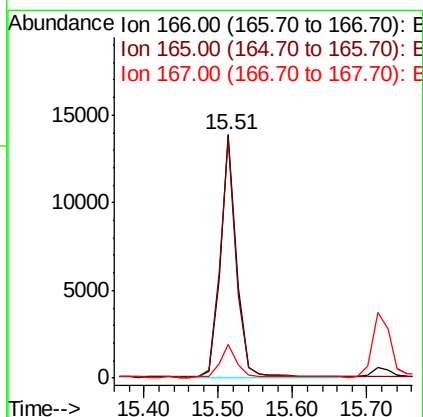
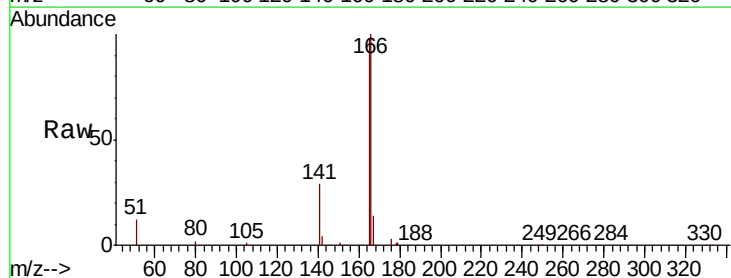
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

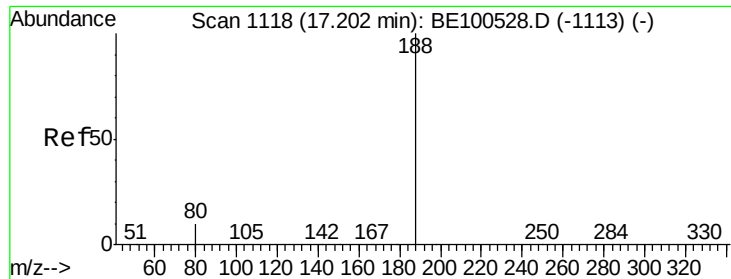
Tot Ion:154 Resp: 16987
Ion Ratio Lower Upper
154 100
153 114.5 93.7 140.5
152 57.4 47.3 70.9



#18
Fluorene
Concen: 0.382 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

Tgt Ion:166 Resp: 20912
Ion Ratio Lower Upper
166 100
165 98.9 80.1 120.1
167 13.6 10.9 16.3

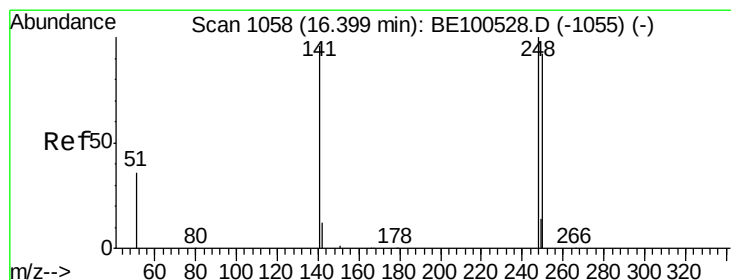
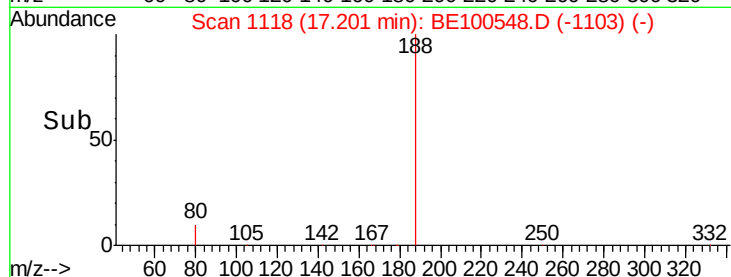
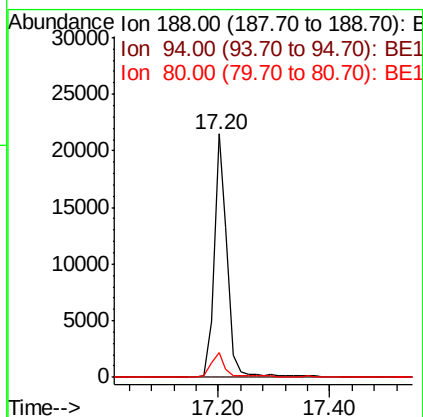
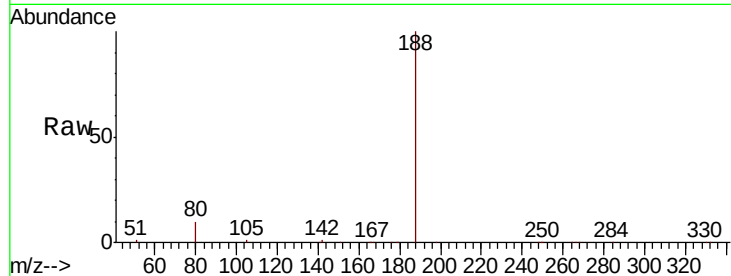




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

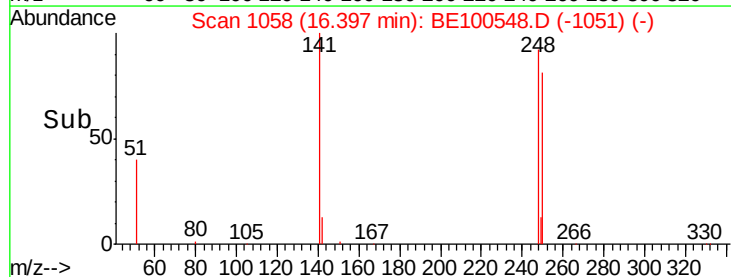
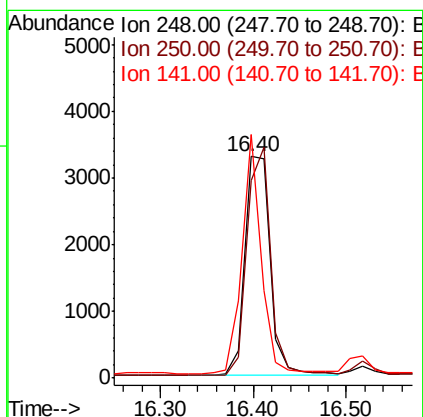
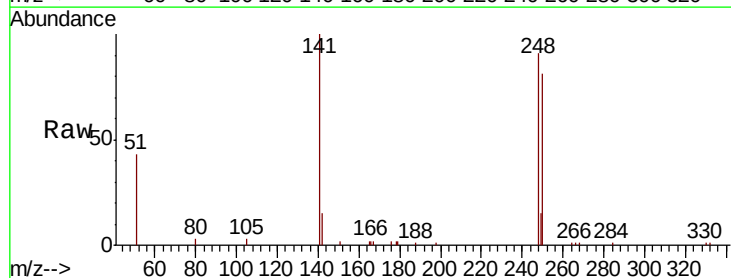
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

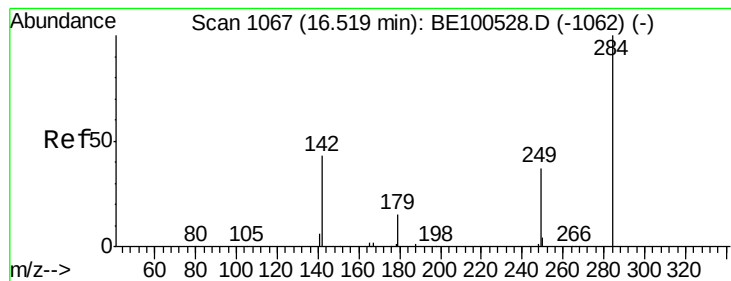
Tot Ion:188 Resp: 34848
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.0 12.0



#20
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

Tgt Ion:248 Resp: 6160
Ion Ratio Lower Upper
248 100
250 89.1 73.5 110.3
141 109.8 77.0 115.4





#21

Hexachlorobenzene

Concen: 0.370 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

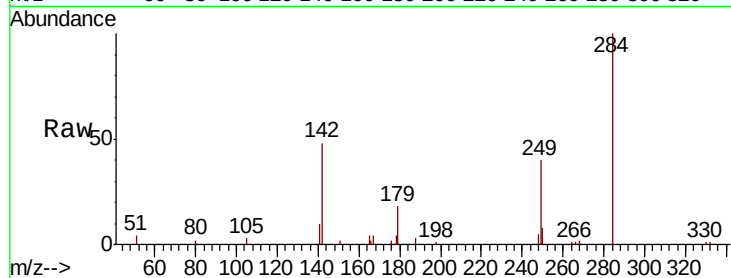
Tot Ion:284 Resp: 5282

Ion Ratio Lower Upper

284 100

142 47.8 39.0 58.6

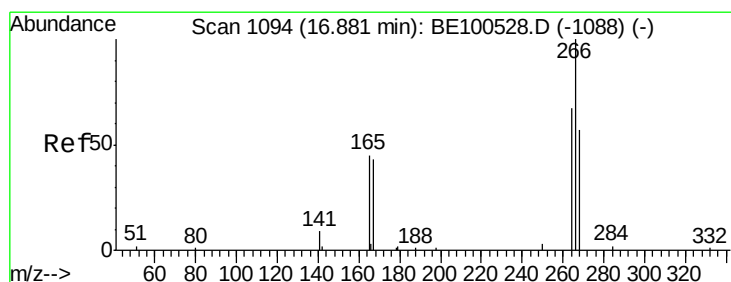
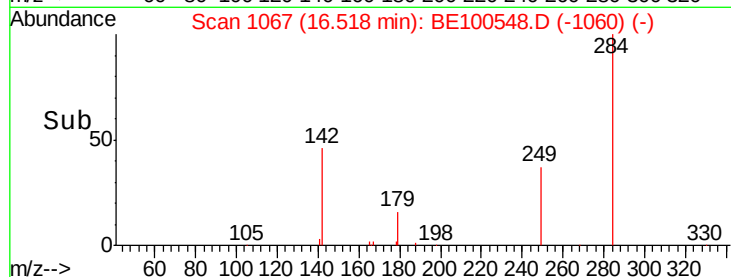
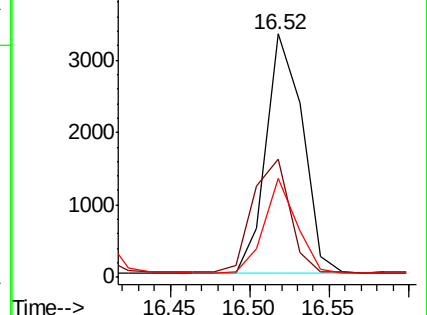
249 34.8 28.2 42.2



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: 0.453 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

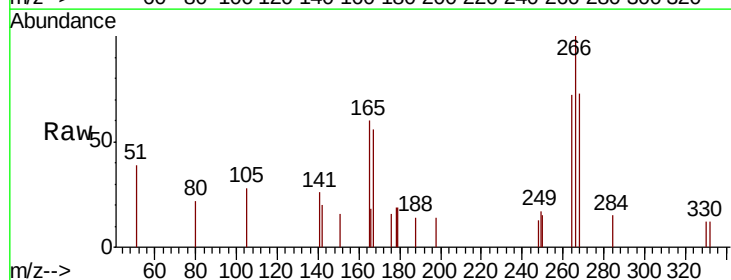
Tgt Ion:266 Resp: 947

Ion Ratio Lower Upper

266 100

264 71.8 57.6 86.4

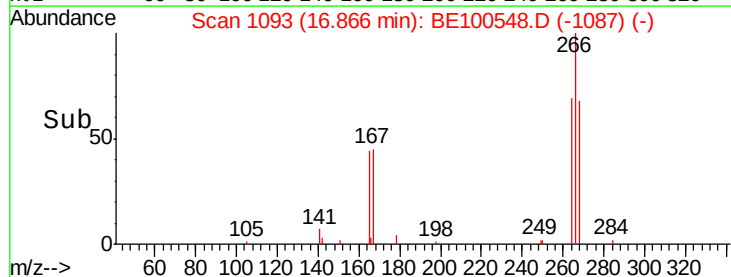
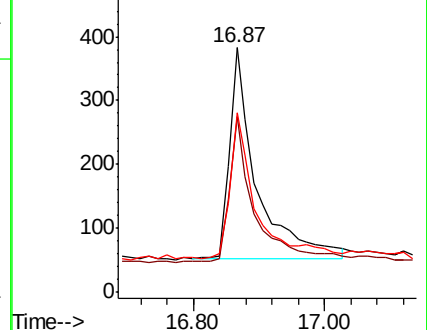
268 73.1 55.1 82.7

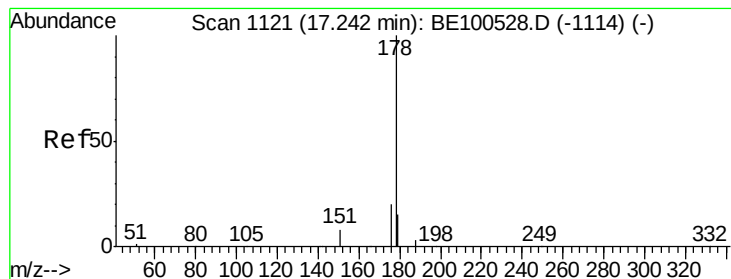


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.384 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

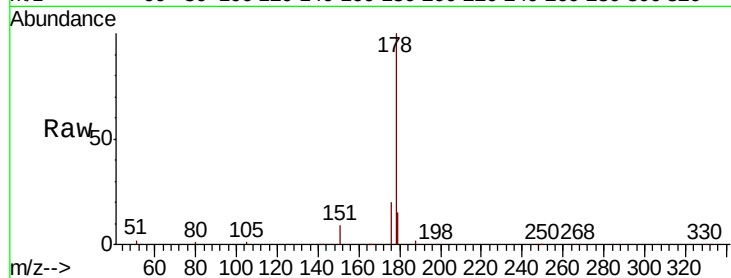
Tot Ion:178 Resp: 37282

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

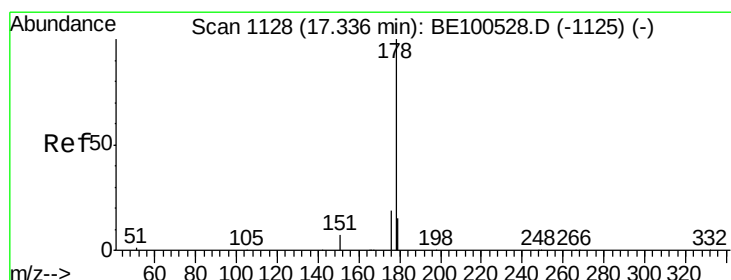
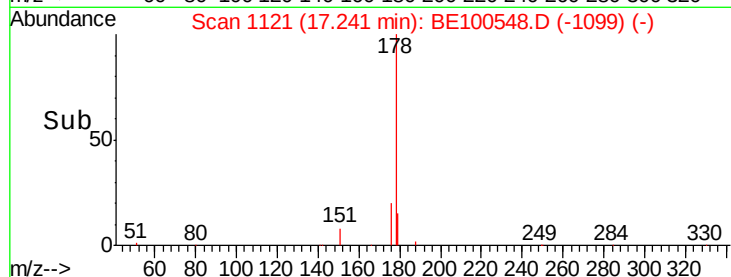
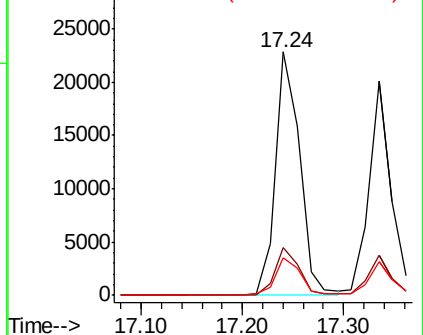
179 15.4 12.6 18.8



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: 0.366 ng

RT: 17.33 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

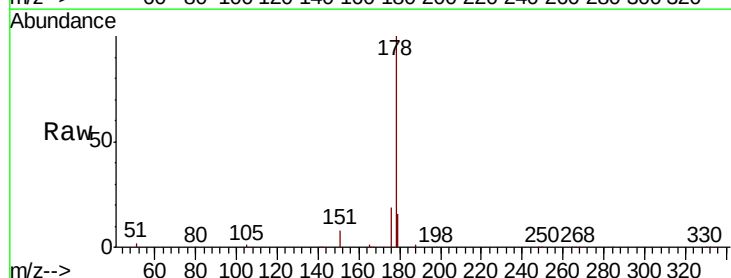
Tgt Ion:178 Resp: 29893

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

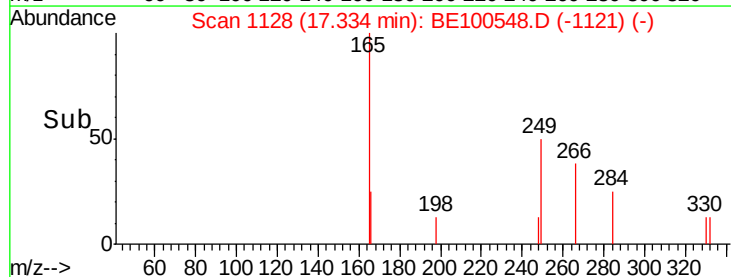
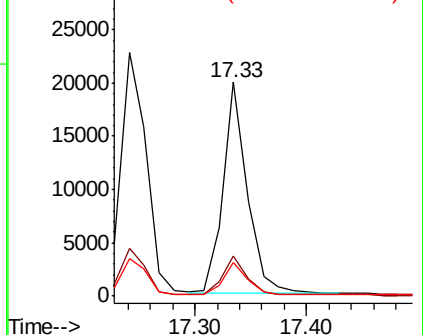
179 15.2 12.2 18.4

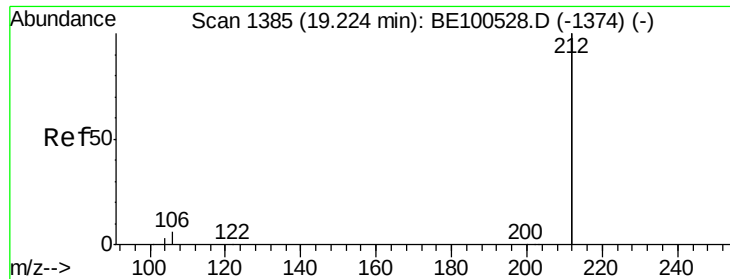


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

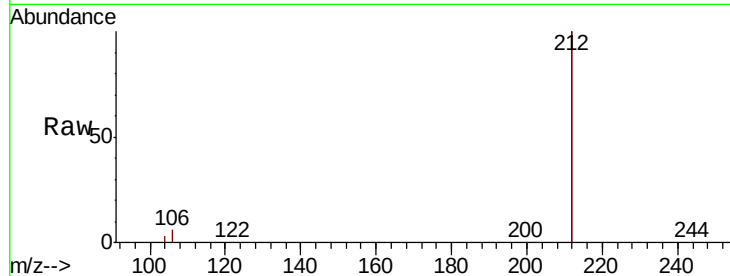
Tot Ion:212 Resp: 155535

Ion Ratio Lower Upper

212 100

106 3.0 2.3 3.5

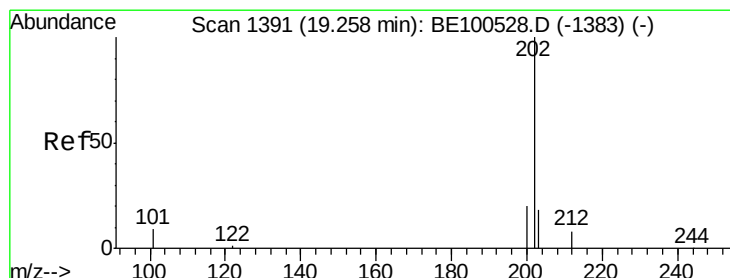
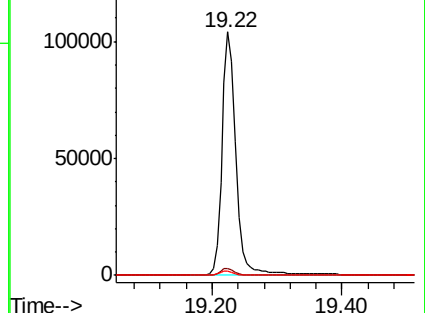
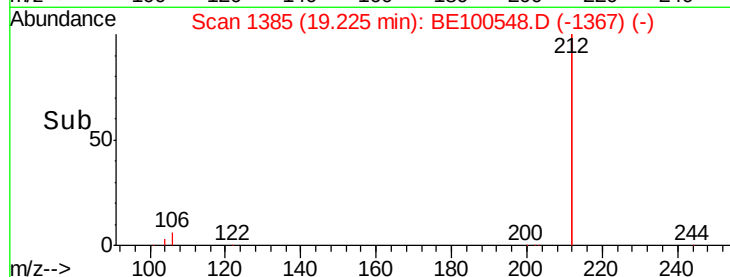
104 1.7 1.3 1.9



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: 0.375 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

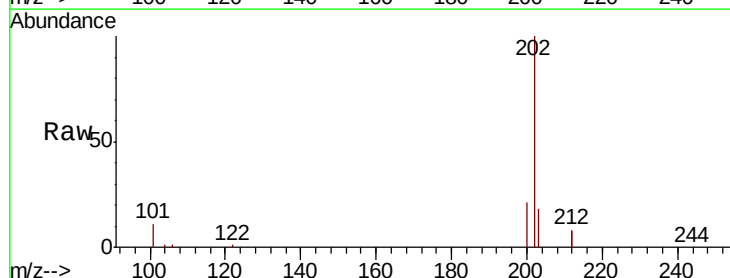
Tgt Ion:202 Resp: 43921

Ion Ratio Lower Upper

202 100

101 11.1 8.8 13.2

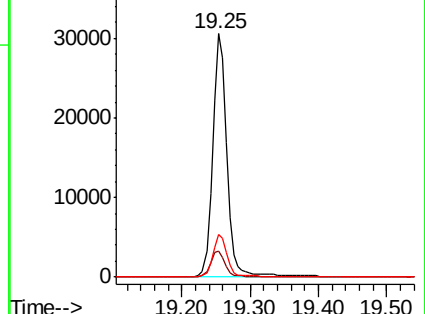
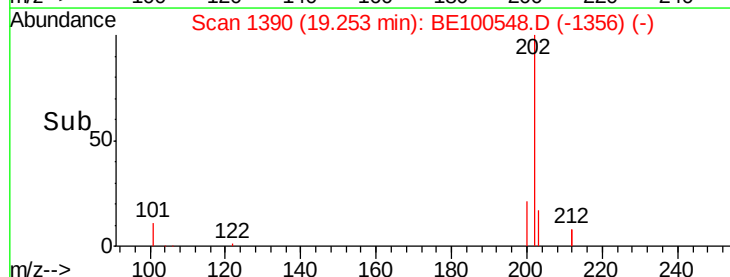
203 17.0 13.7 20.5

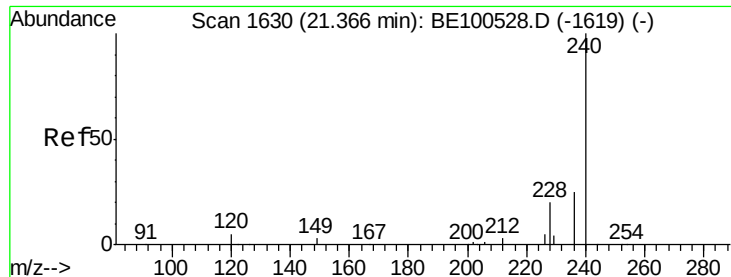


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

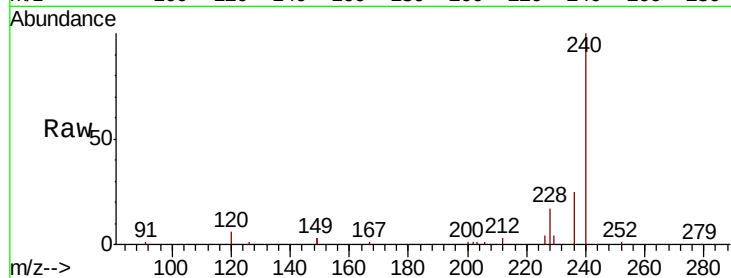
Tot Ion:240 Resp: 37482

Ion Ratio Lower Upper

240 100

120 5.7 4.5 6.7

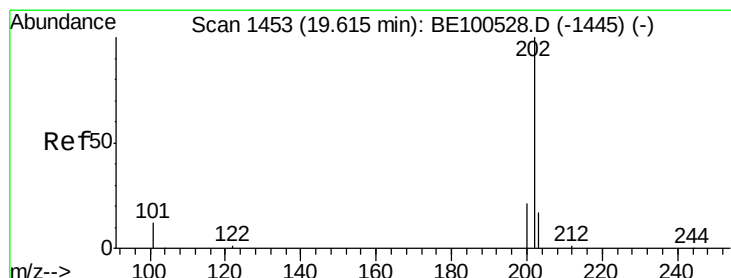
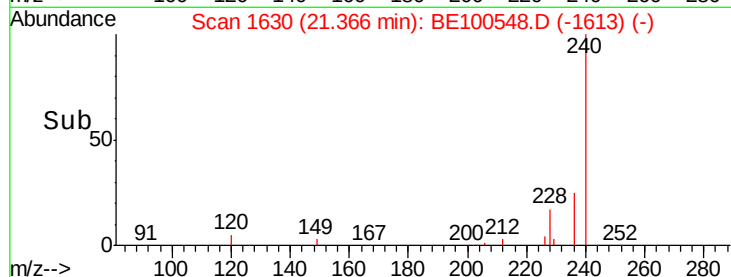
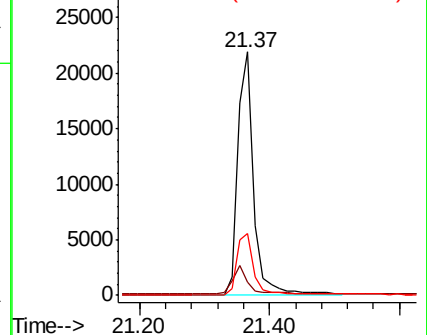
236 25.3 20.6 30.8



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: 0.410 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

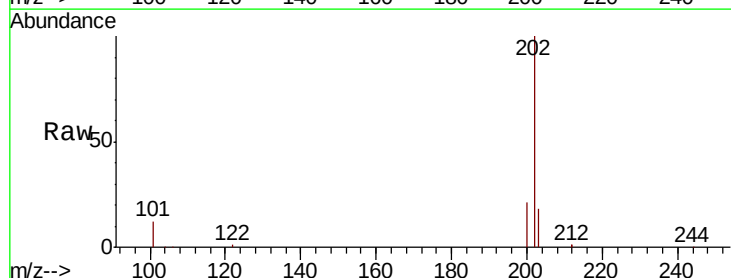
Tgt Ion:202 Resp: 44267

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

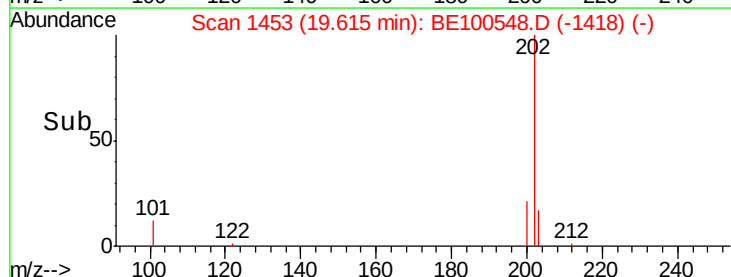
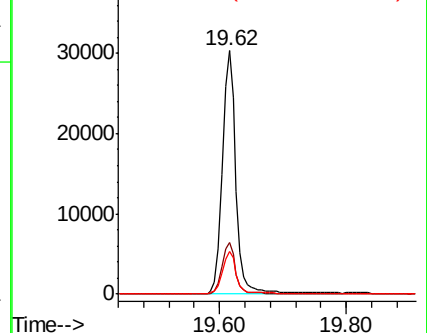
203 17.5 14.0 21.0

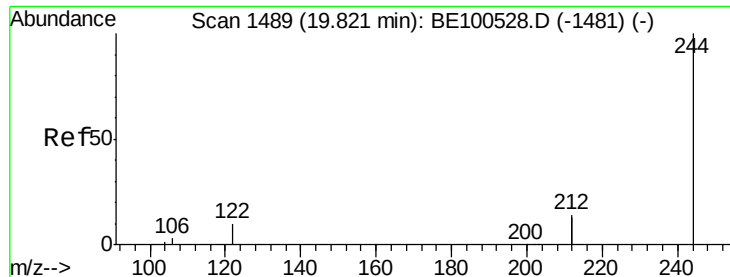


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

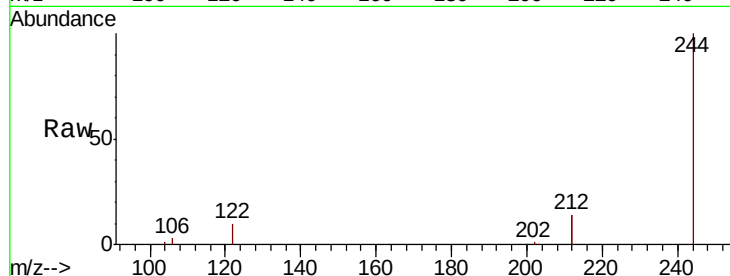
Tot Ion:244 Resp: 35896

Ion Ratio Lower Upper

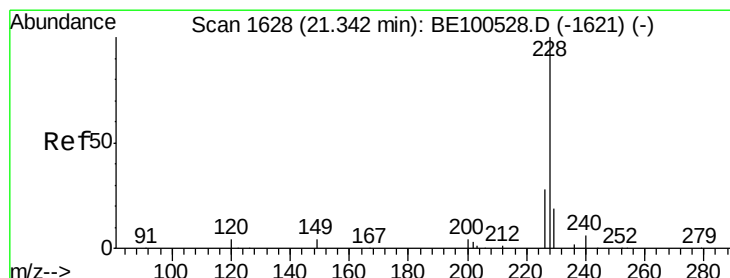
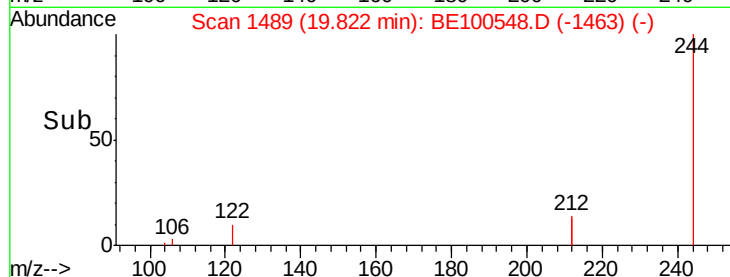
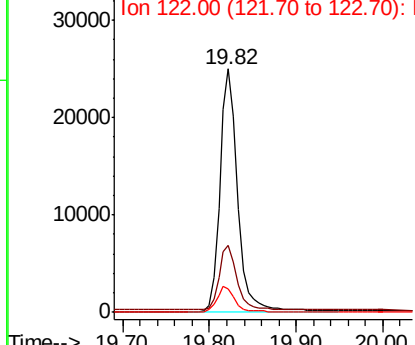
244 100

212 27.7 22.2 33.2

122 9.8 8.3 12.5



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: 0.413 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

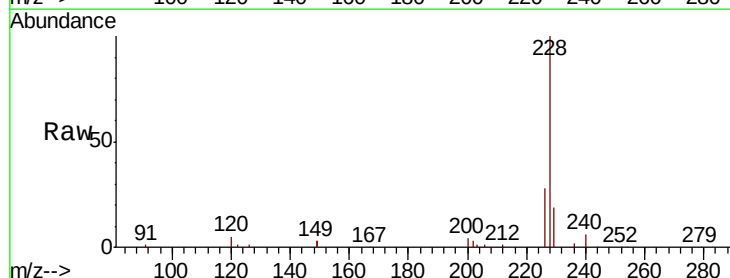
Tgt Ion:228 Resp: 41298

Ion Ratio Lower Upper

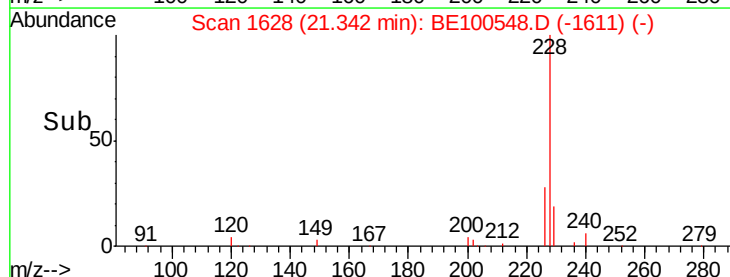
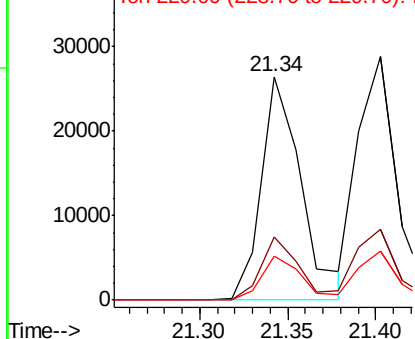
228 100

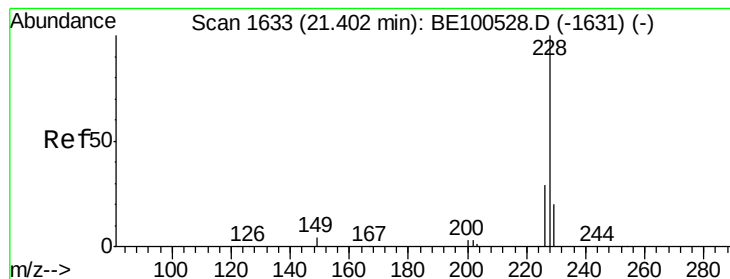
226 28.1 22.5 33.7

229 19.5 15.4 23.2



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: 0.383 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

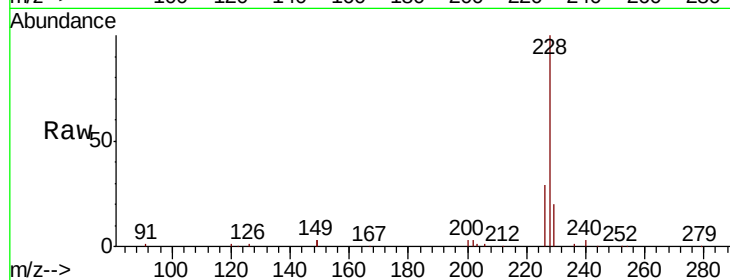
Tot Ion:228 Resp: 43672

Ion Ratio Lower Upper

228 100

226 29.0 23.3 34.9

229 19.9 16.3 24.5

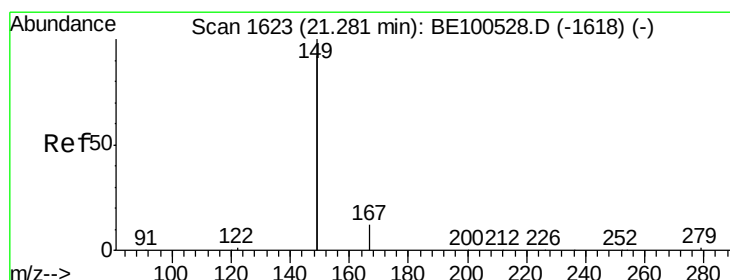
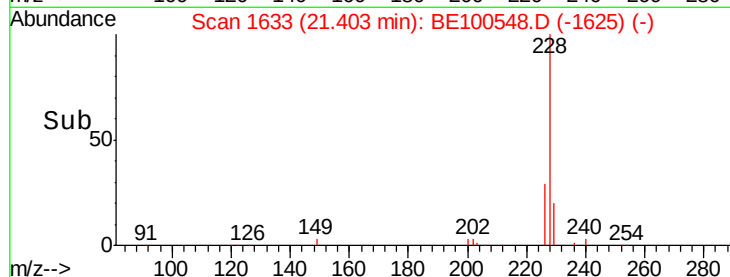
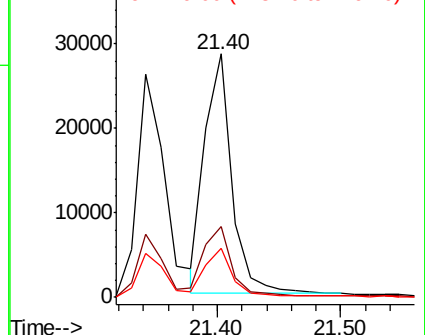


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.493 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

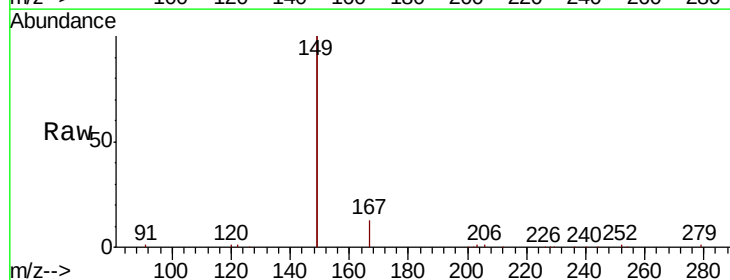
Tgt Ion:149 Resp: 53209

Ion Ratio Lower Upper

149 100

167 6.7 5.2 7.8

279 1.1 1.0 1.4

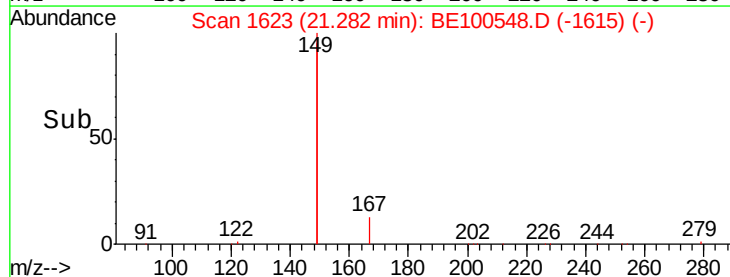
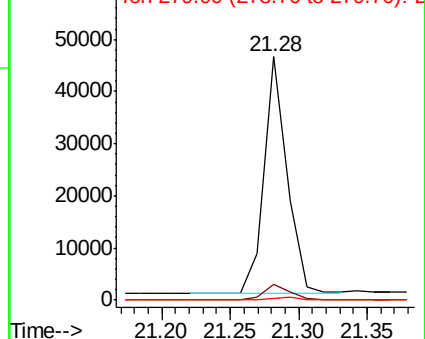


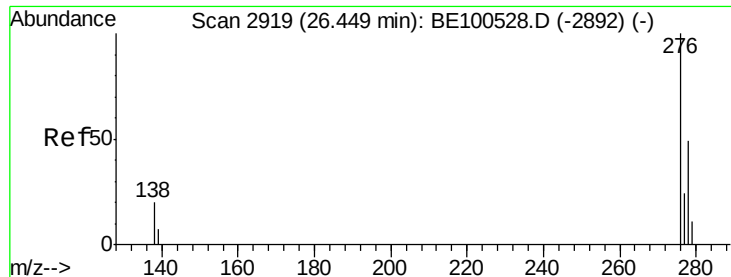
Abundance

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

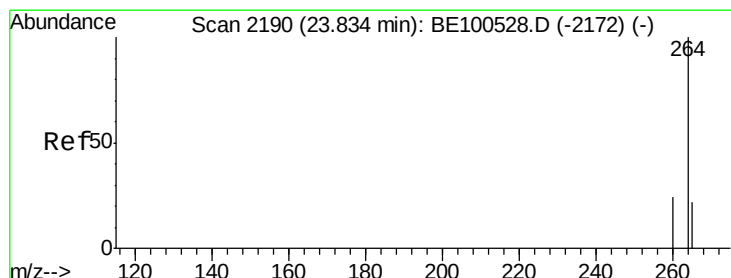
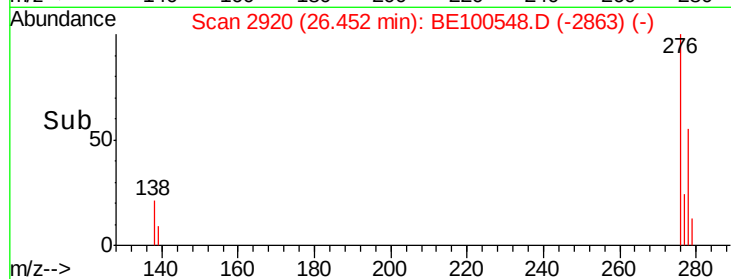
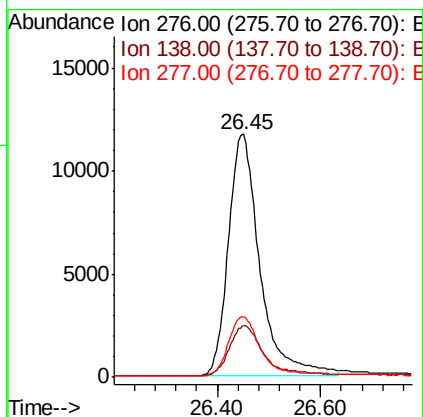
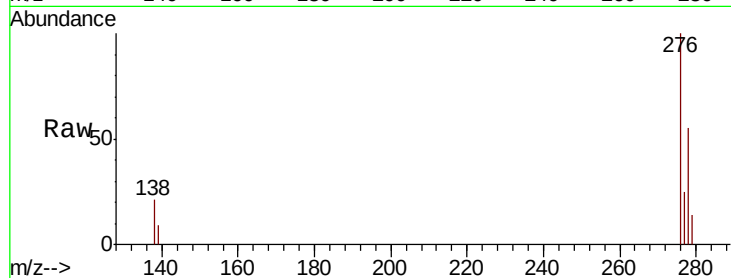




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.395 ng
 RT: 26.45 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: BE100548.D
 Acq: 23 Sep 2019 20:37

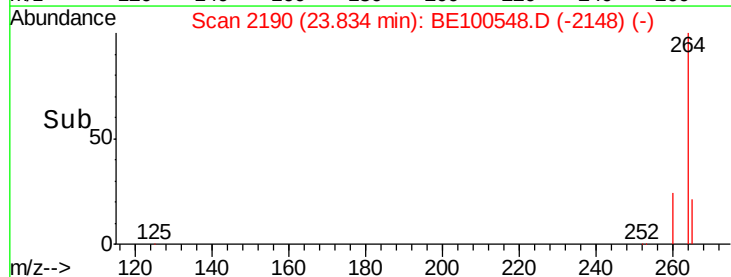
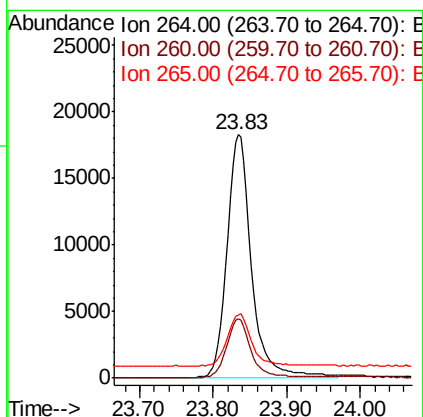
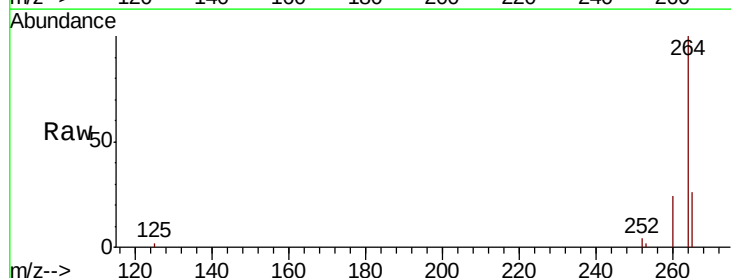
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

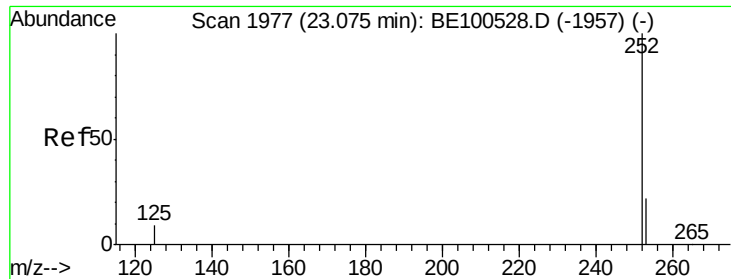
Tot Ion:276 Resp: 50035
 Ion Ratio Lower Upper
 276 100
 138 22.6 17.7 26.5
 277 25.1 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BE100548.D
 Acq: 23 Sep 2019 20:37

Tgt Ion:264 Resp: 42406
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 26.1 21.8 32.8

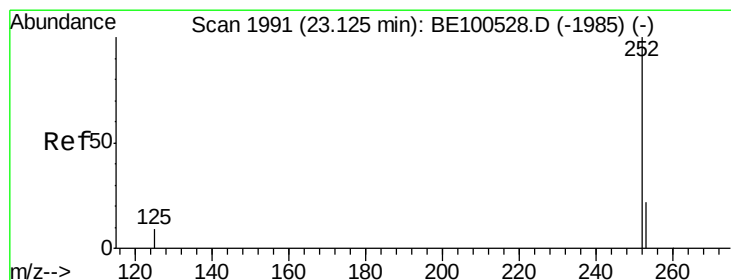
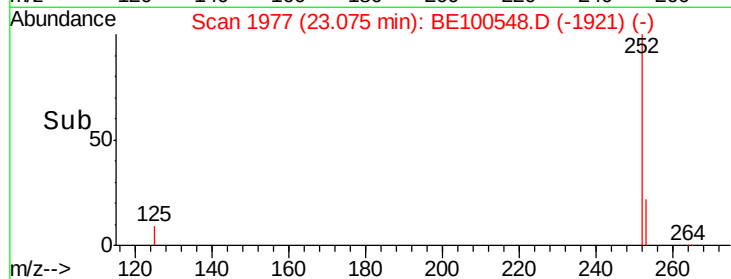
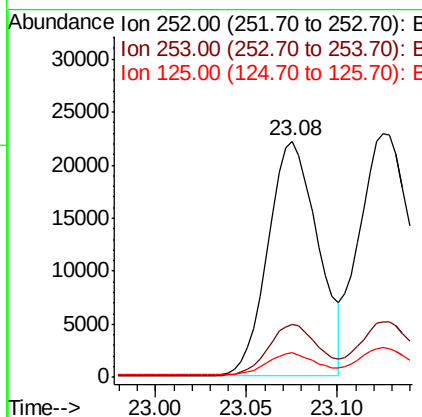
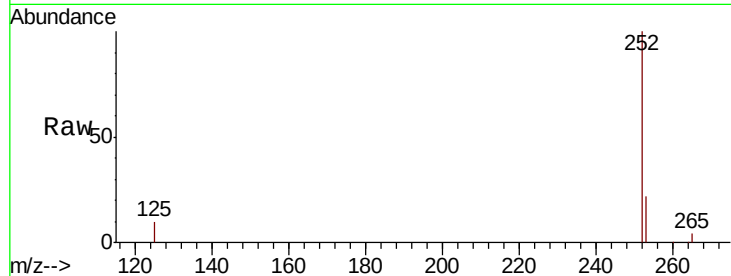




#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

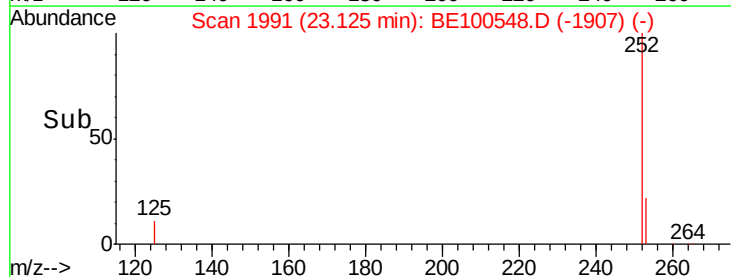
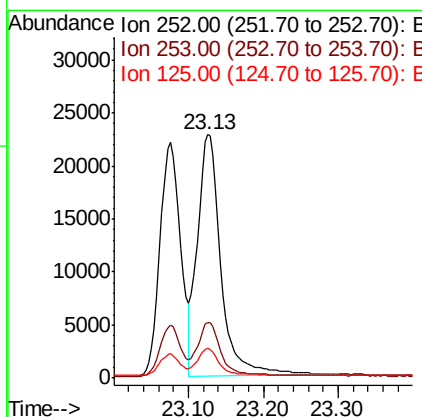
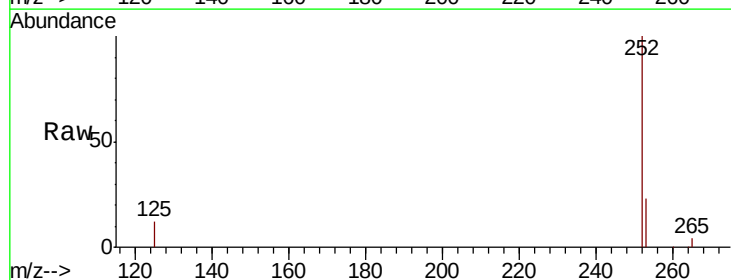
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

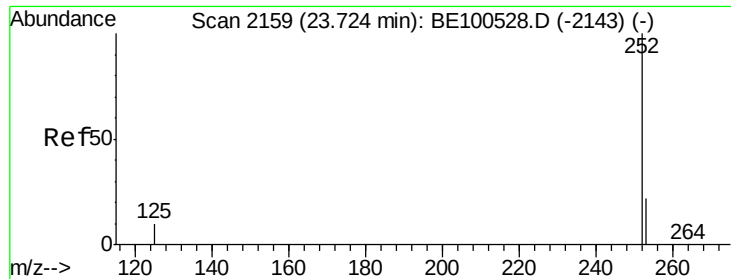
Tot Ion:252 Resp: 42220
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.3 8.0 12.0



#36
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100548.D
Acq: 23 Sep 2019 20:37

Tgt Ion:252 Resp: 50219
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 12.0 8.5 12.7





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.72 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

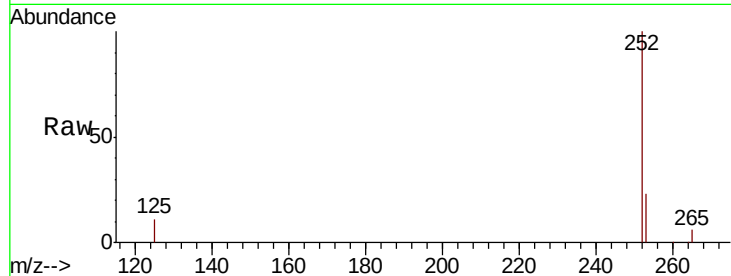
Tot Ion:252 Resp: 39781

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 11.3 9.2 13.8

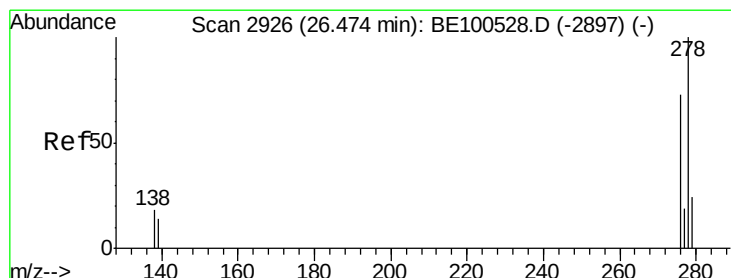
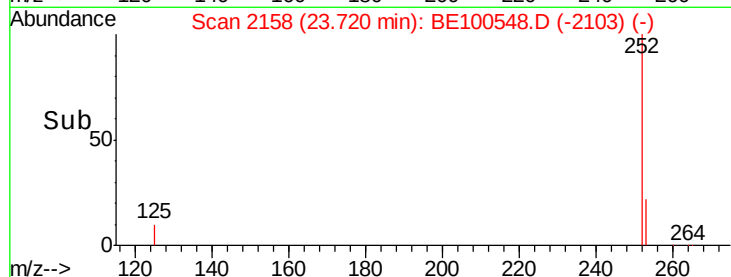
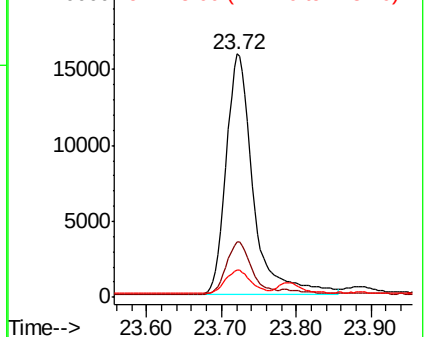


Abundance

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: 0.368 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

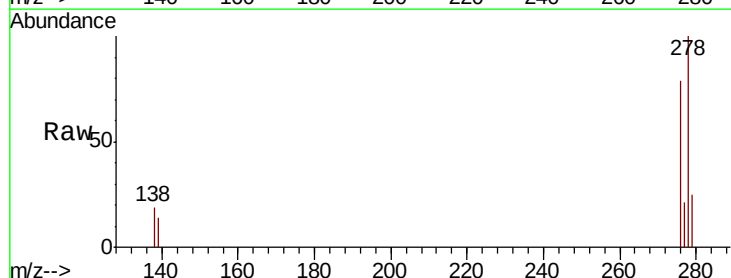
Tgt Ion:278 Resp: 41018

Ion Ratio Lower Upper

278 100

139 14.3 11.6 17.4

279 24.9 19.7 29.5

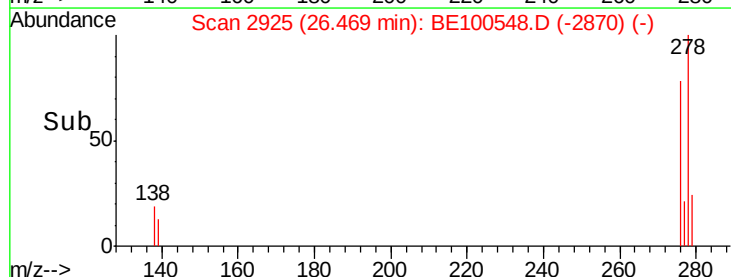
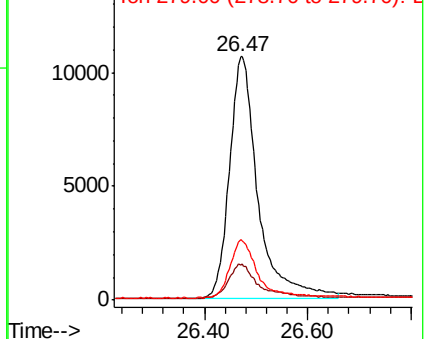


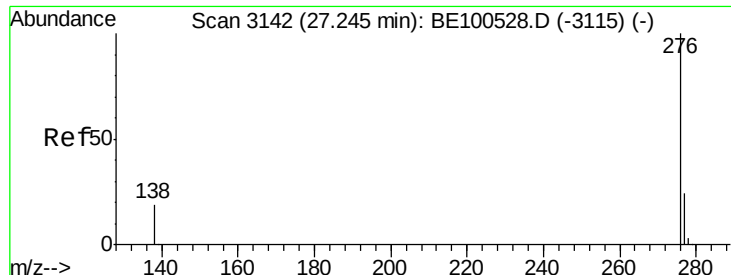
Abundance

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(a,h,i)perylene

Concen: 0.365 ng

RT: 27.24 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BE100548.D

Acq: 23 Sep 2019 20:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

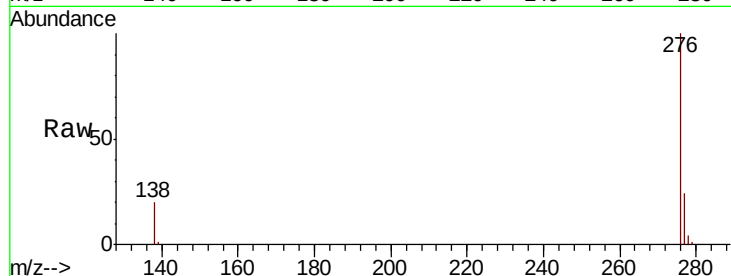
Tot Ion: 276 Resp: 42546

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 19.6 15.7 23.5



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

