

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121619\
 Data File : BE100915.D
 Acq On : 16 Dec 2019 9:58
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 16 10:51:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 13 10:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	4921	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	22574	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	12532	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	26489	0.40	ng	0.00
27) Chrysene-d12	21.29	240	22273	0.40	ng	-0.01
34) Perylene-d12	23.74	264	24123	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.37	112	5533	0.47	ng	0.00
5) Phenol-d6	6.93	99	8250	0.47	ng	0.00
8) Nitrobenzene-d5	8.90	82	6482	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	14176	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	904	0.65	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	19422	0.39	ng	0.00
25) Fluoranthene-d10	19.15	212	111634	0.36	ng	0.00
29) Terphenyl-d14	19.75	244	23187	0.43	ng	0.00

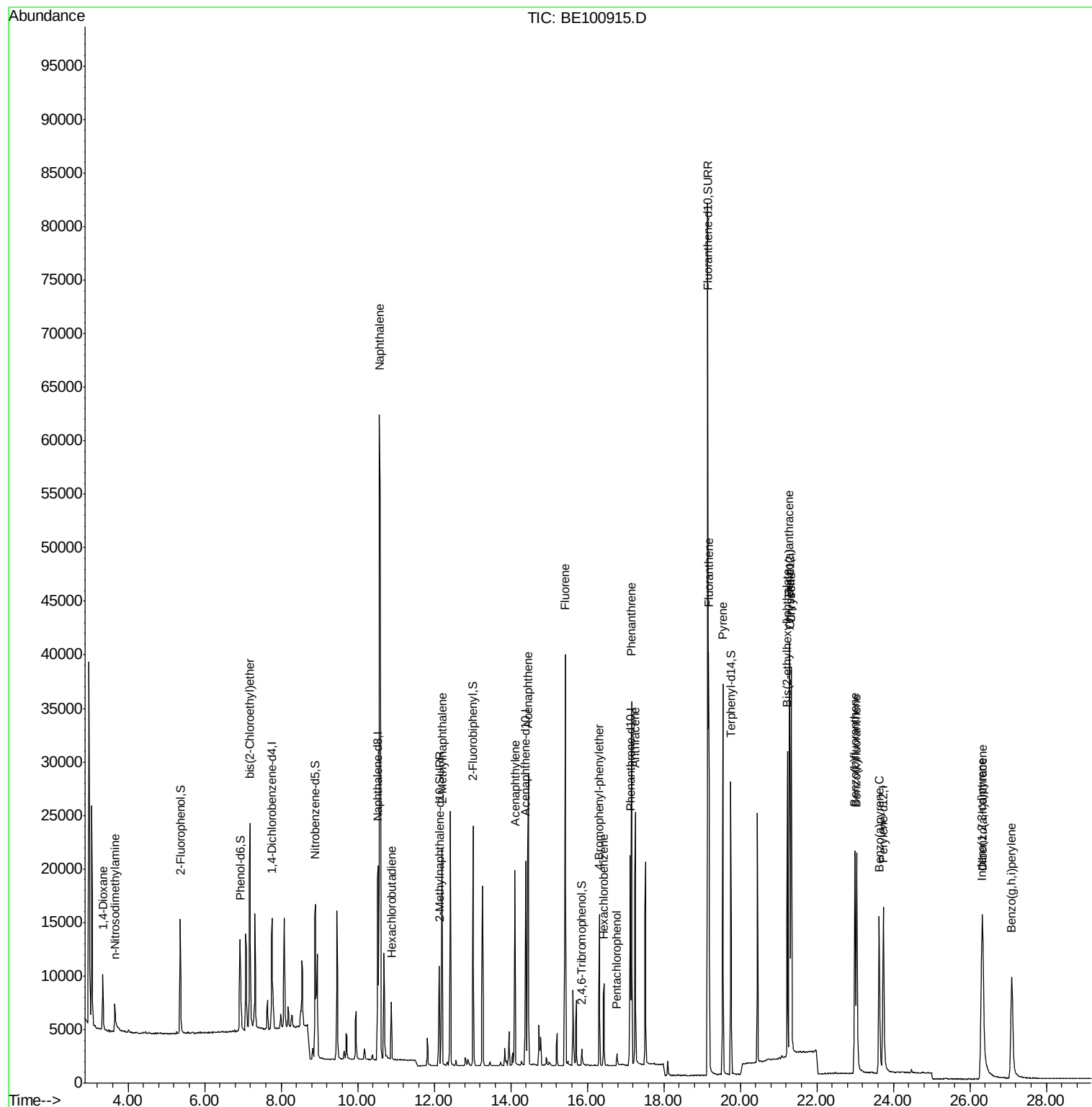
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	3925	0.437	ng	100
3) n-Nitrosodimethylamine	3.65	42	3025	0.414	ng	# 97
6) bis(2-Chloroethyl)ether	7.19	93	7299	0.428	ng	95
9) Naphthalene	10.58	128	103497	0.431	ng	100
10) Hexachlorobutadiene	10.89	225	3897	0.417	ng	99
12) 2-Methylnaphthalene	12.21	142	16319	0.436	ng	99
16) Acenaphthylene	14.11	152	22424	0.433	ng	100
17) Acenaphthene	14.46	154	14982	0.419	ng	99
18) Fluorene	15.42	166	19379	0.421	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	5643	0.434	ng	92
21) Hexachlorobenzene	16.44	284	6137	0.435	ng	99
22) Pentachlorophenol	16.77	266	631	0.646	ng	92
23) Phenanthrene	17.16	178	34020	0.424	ng	99
24) Anthracene	17.26	178	27074	0.403	ng	99
26) Fluoranthene	19.18	202	35108	0.367	ng	100
28) Pyrene	19.54	202	34674	0.479	ng	100
30) Benzo(a)anthracene	21.28	228	29156	0.444	ng	98
31) Chrysene	21.33	228	35112	0.455	ng	100
32) Bis(2-ethylhexyl)phthalate	21.23	149	31639	0.673	ng	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	29338	0.437	ng	99
35) Benzo(b)fluoranthene	22.99	252	28583	0.433	ng	99
36) Benzo(k)fluoranthene	23.04	252	32357	0.437	ng	99
37) Benzo(a)pyrene	23.63	252	24863	0.435	ng	100
38) Dibenzo(a,h)anthracene	26.34	278	23497	0.413	ng	99
39) Benzo(g,h,i)perylene	27.10	276	25785	0.424	ng	98

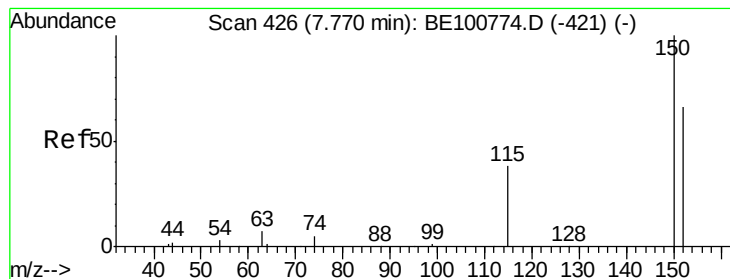
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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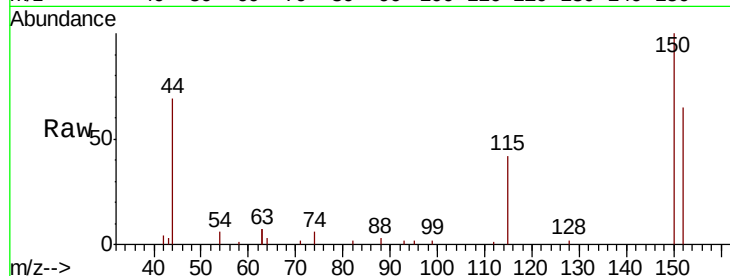


#1

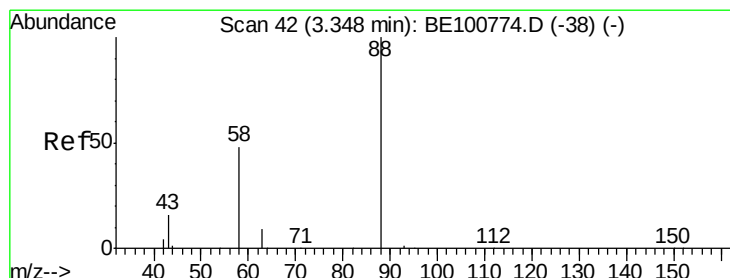
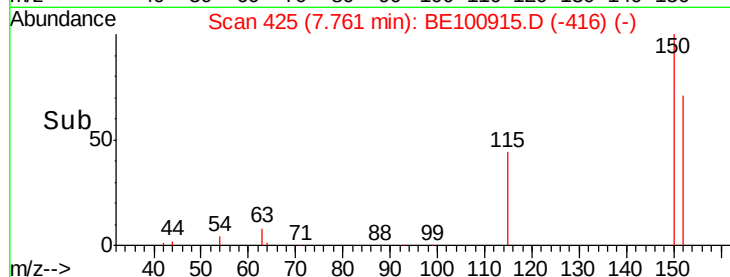
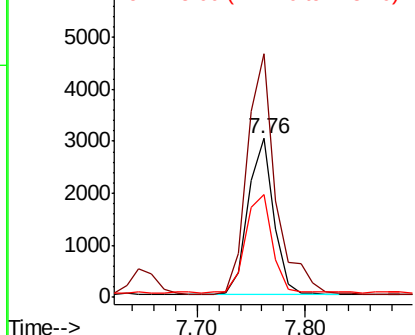
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 4921
Ion Ratio Lower Upper
152 100
150 153.5 125.5 188.3
115 64.4 55.7 83.5



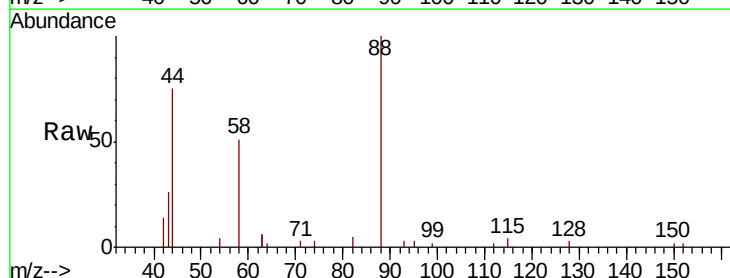
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



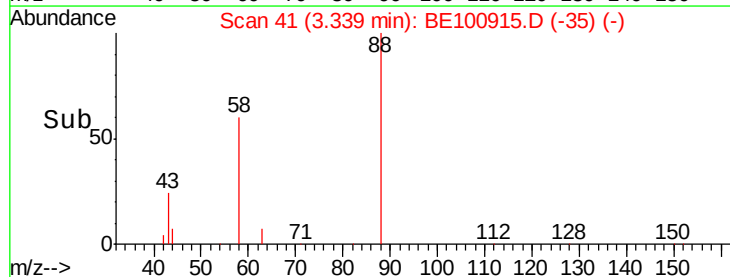
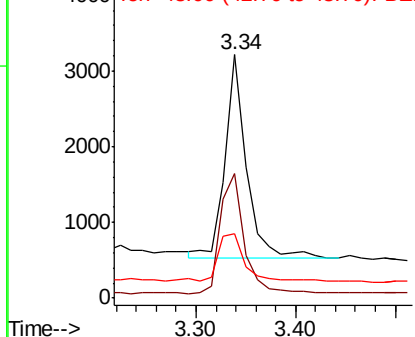
#2

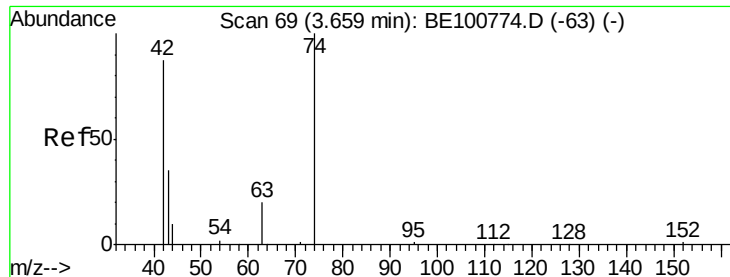
1,4-Dioxane
Concen: 0.437 ng
RT: 3.34 min Scan# 41
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion: 88 Resp: 3925
Ion Ratio Lower Upper
88 100
58 65.8 52.3 78.5
43 29.4 23.5 35.3



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: 0.414 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

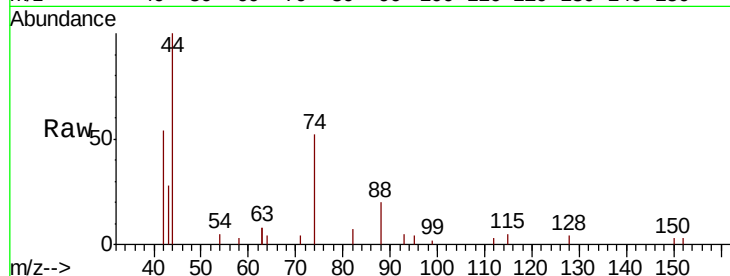
Tot Ion: 42 Resp: 3025

Ion Ratio Lower Upper

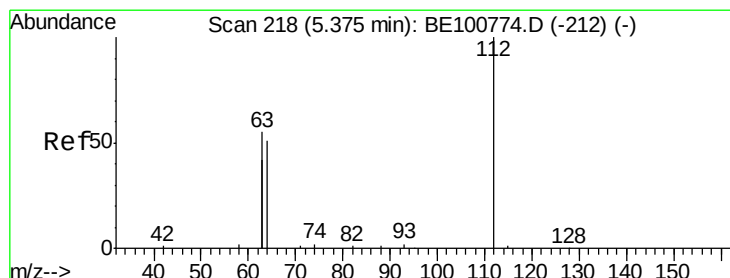
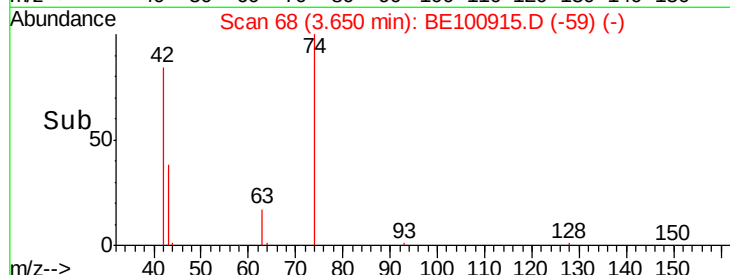
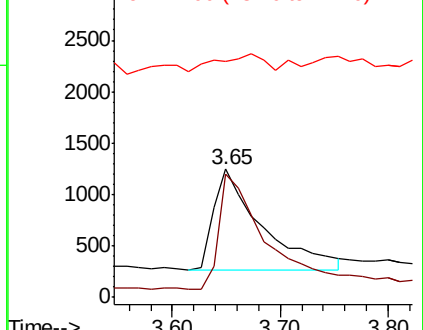
42 100

74 112.4 90.3 135.5

44 0.0 9.0 13.4#



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: 0.474 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

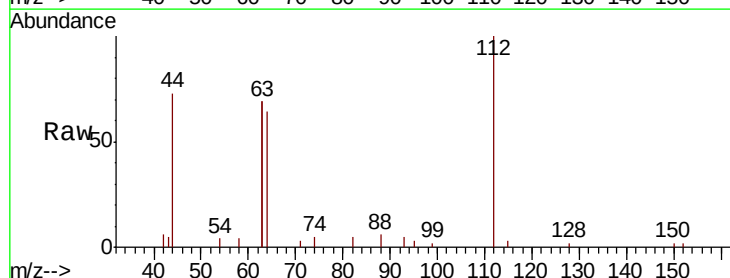
Tgt Ion: 112 Resp: 5533

Ion Ratio Lower Upper

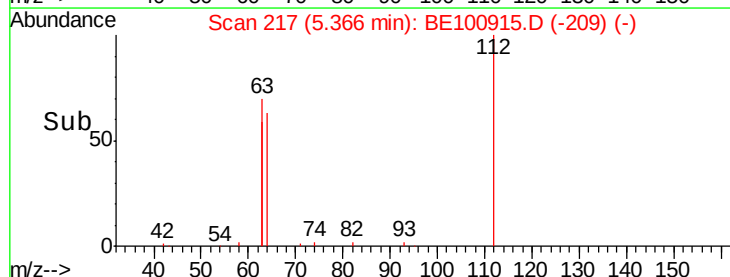
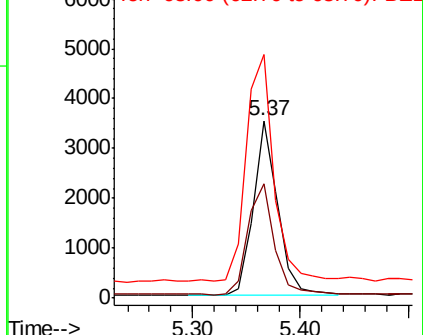
112 100

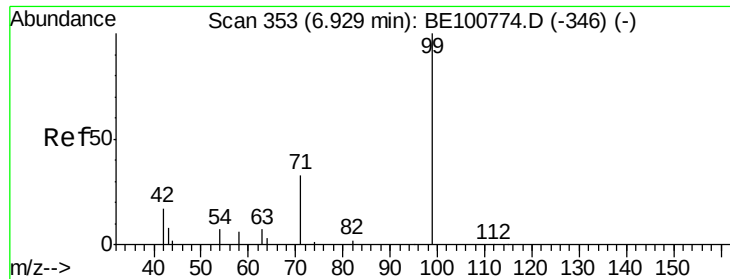
64 67.8 54.5 81.7

63 144.4 116.1 174.1



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: 0.468 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

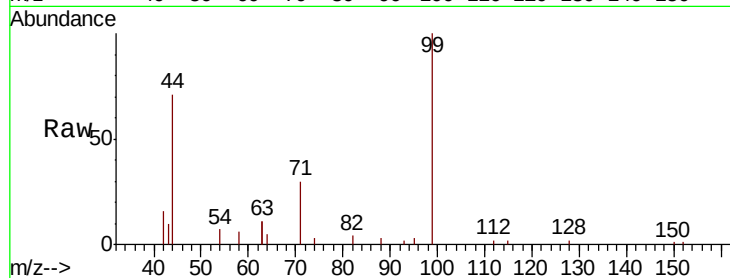
Tot Ion: 99 Resp: 8250

Ion Ratio Lower Upper

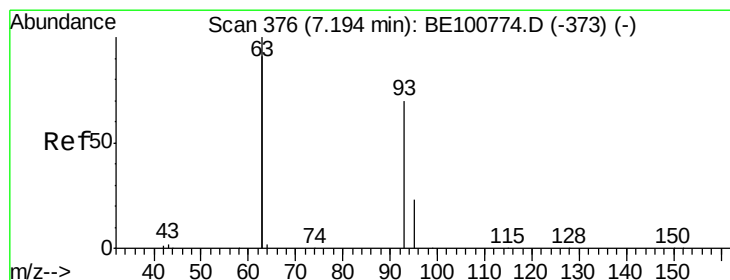
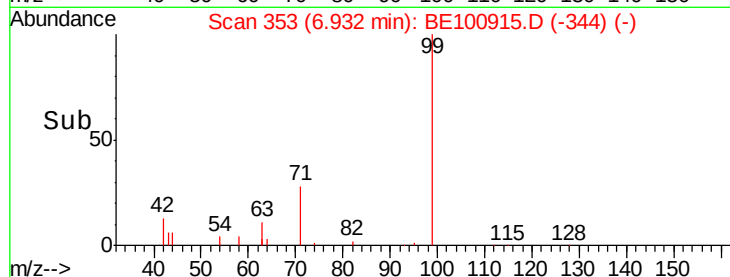
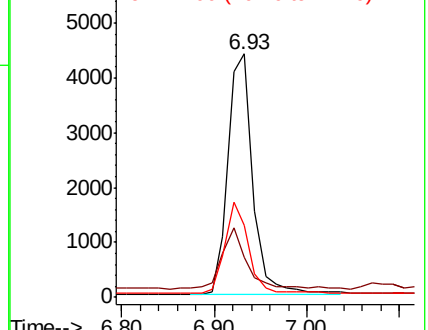
99 100

42 25.0 18.2 27.2

71 35.9 29.1 43.7



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: 0.428 ng

RT: 7.19 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

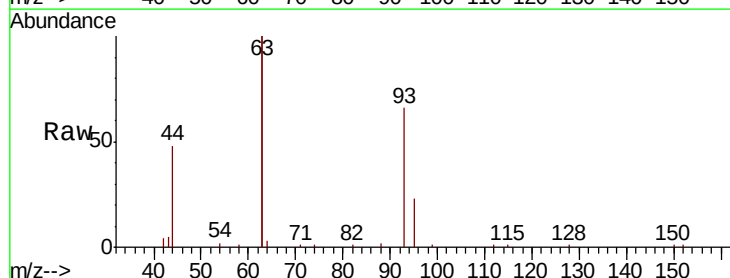
Tgt Ion: 93 Resp: 7299

Ion Ratio Lower Upper

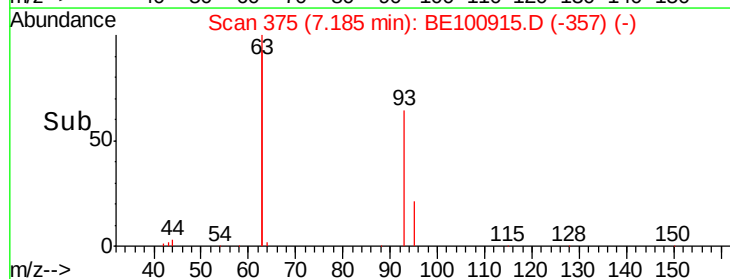
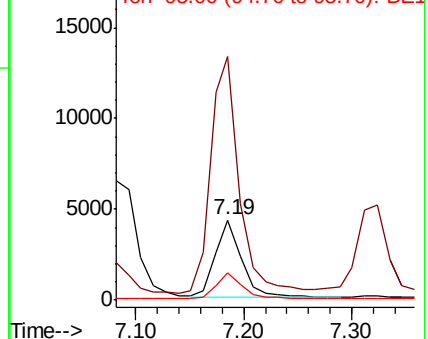
93 100

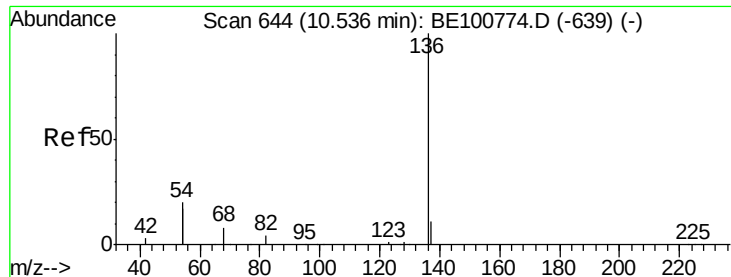
63 328.1 253.9 380.9

95 33.8 25.0 37.6



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: 10.54 min Scan# 644

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 22574

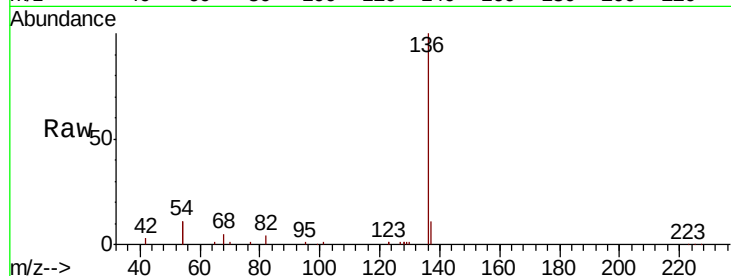
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 22.8 18.9 28.3

68 5.4 4.6 6.8

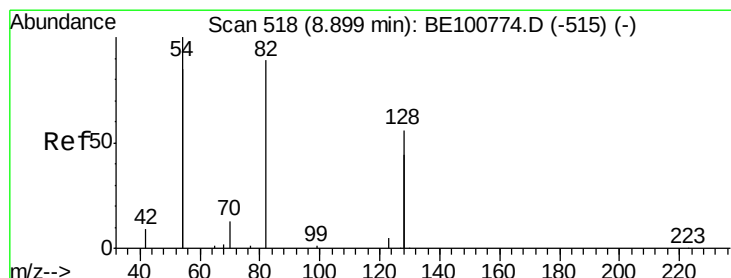
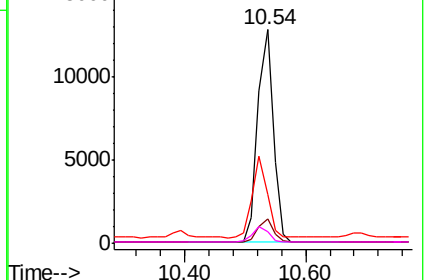
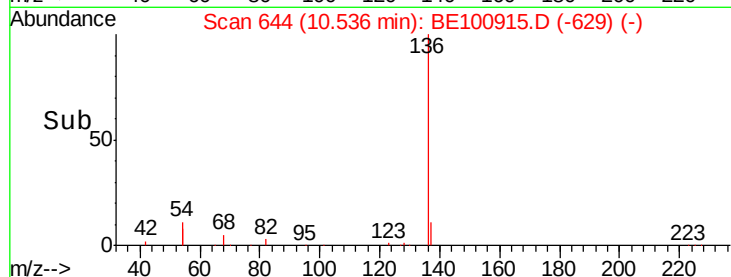


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.603 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

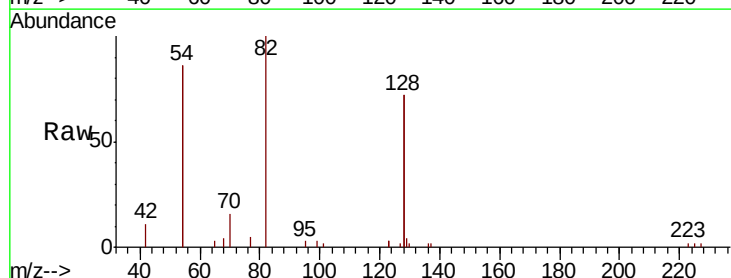
Tgt Ion: 82 Resp: 6482

Ion Ratio Lower Upper

82 100

128 145.0 113.5 170.3

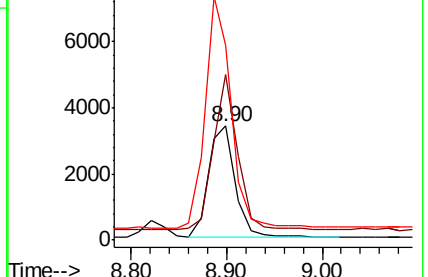
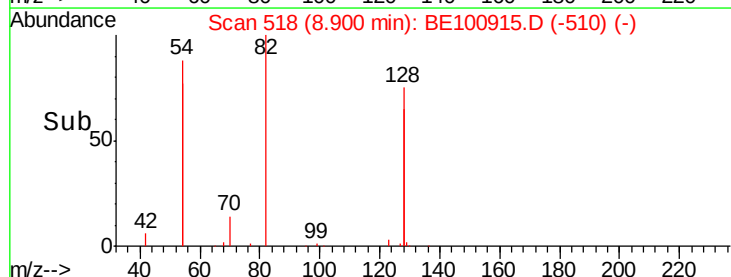
54 171.2 138.9 208.3

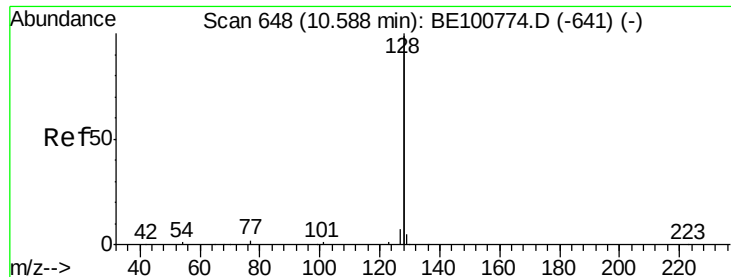


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.431 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

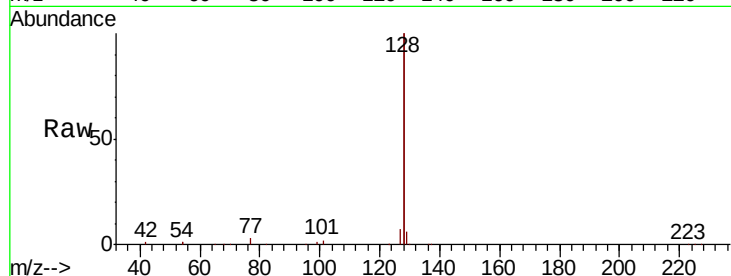
Tot Ion:128 Resp: 103497

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

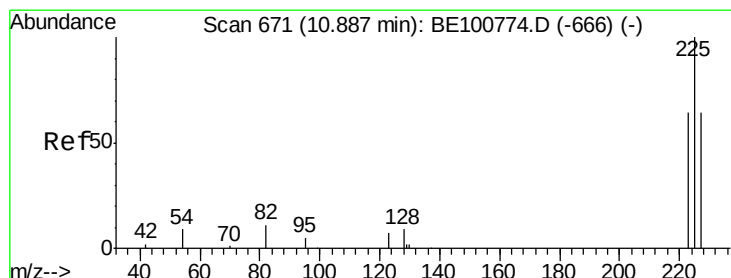
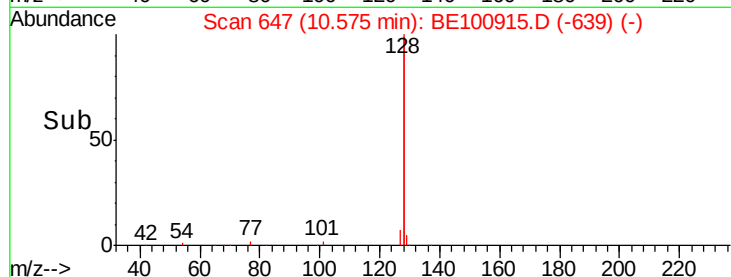
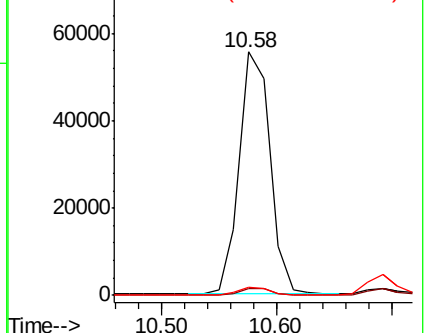
127 3.4 2.8 4.2



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: 0.417 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

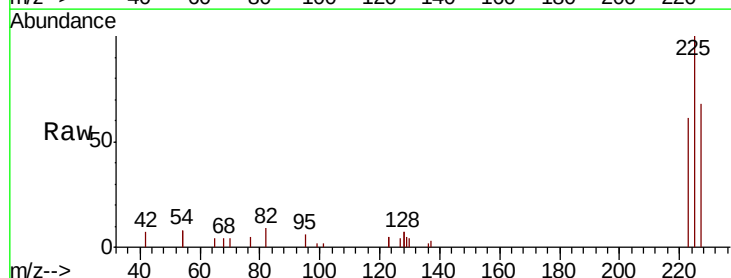
Tgt Ion:225 Resp: 3897

Ion Ratio Lower Upper

225 100

223 63.1 52.1 78.1

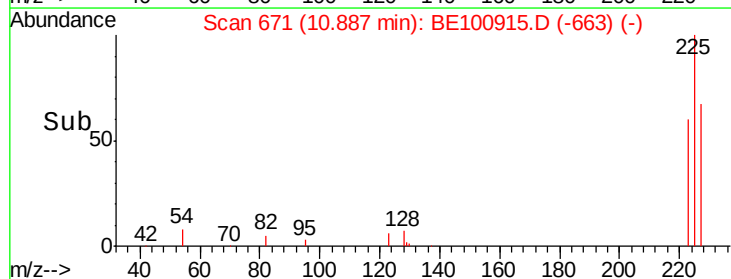
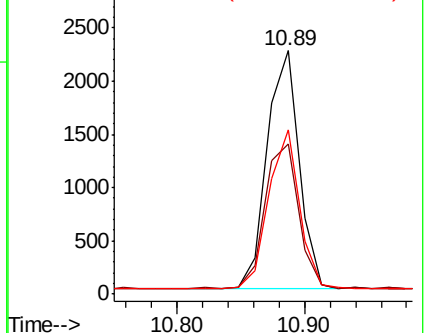
227 63.7 51.1 76.7

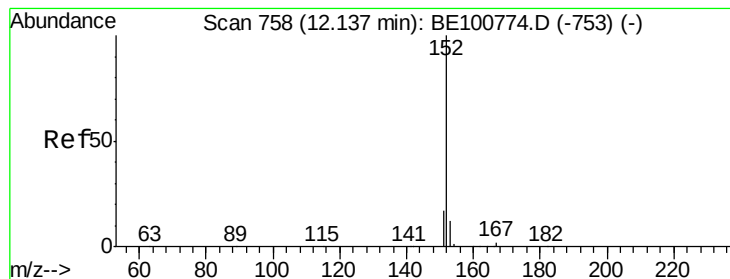


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

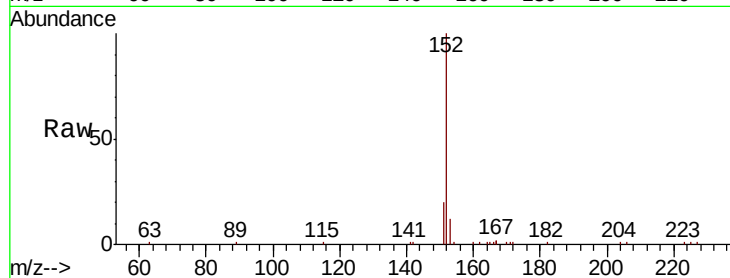
SSTDCCC0.4

Tot Ion:152 Resp: 14176

Ion Ratio Lower Upper

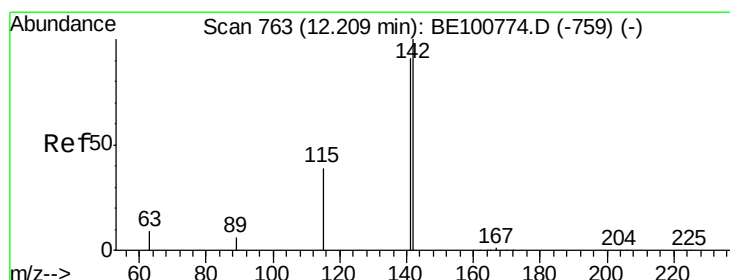
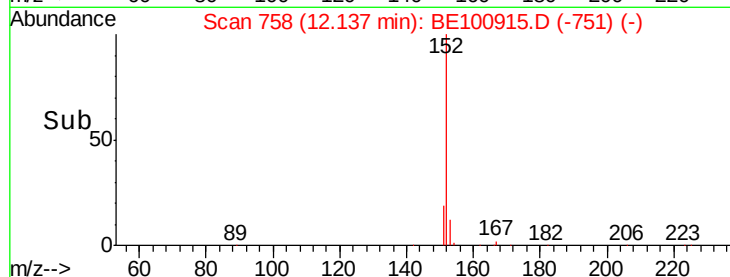
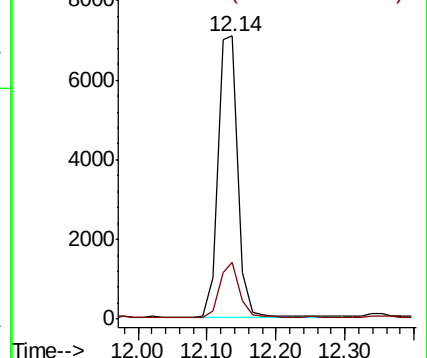
152 100

151 18.8 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.436 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

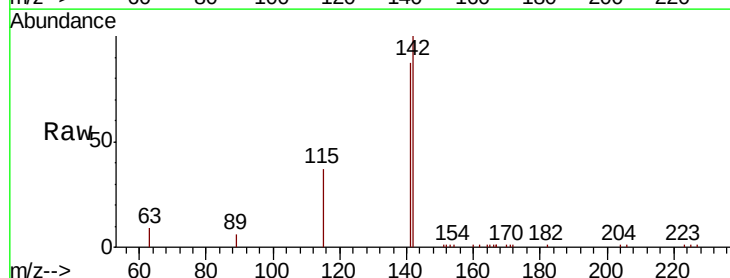
Tgt Ion:142 Resp: 16319

Ion Ratio Lower Upper

142 100

141 86.8 68.9 103.3

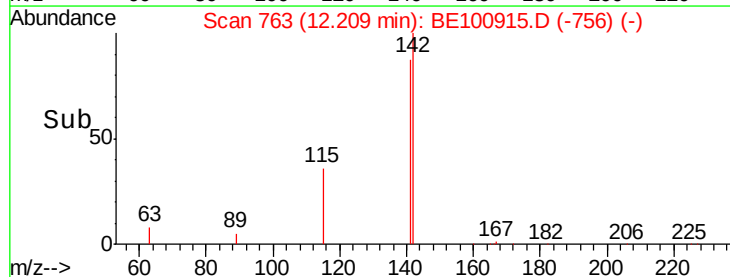
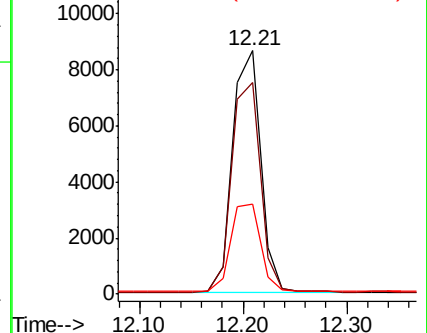
115 36.9 29.5 44.3

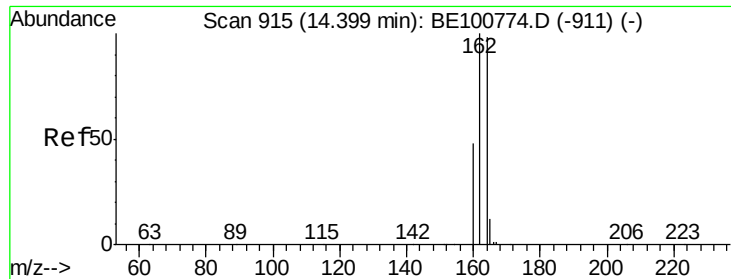


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

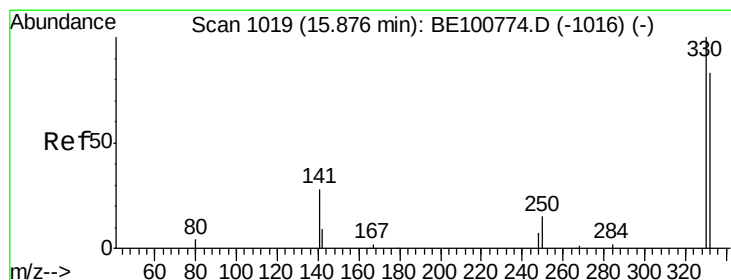
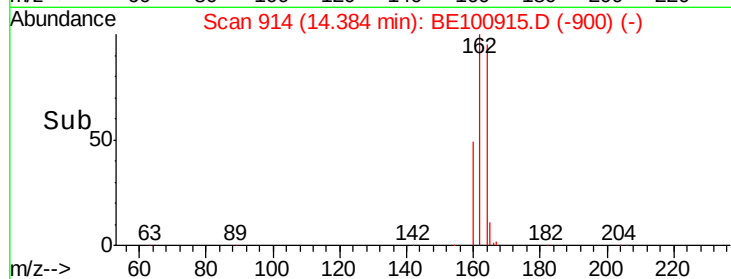
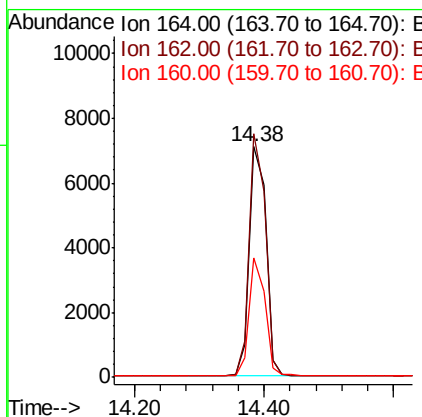
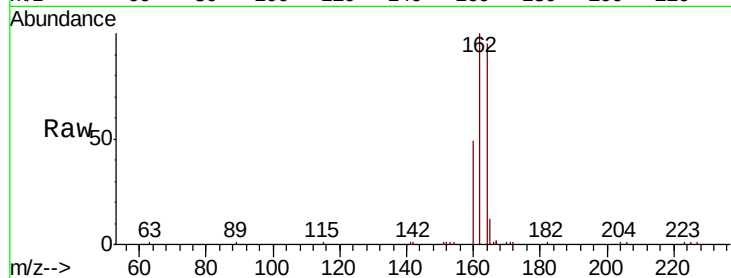




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

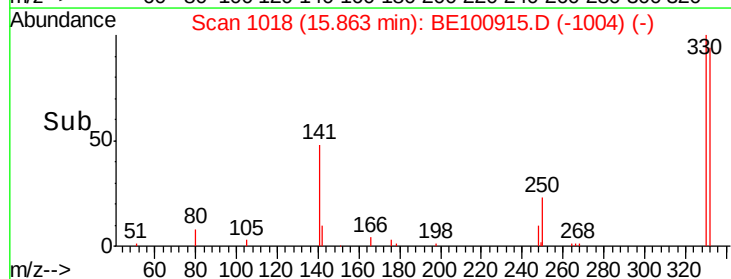
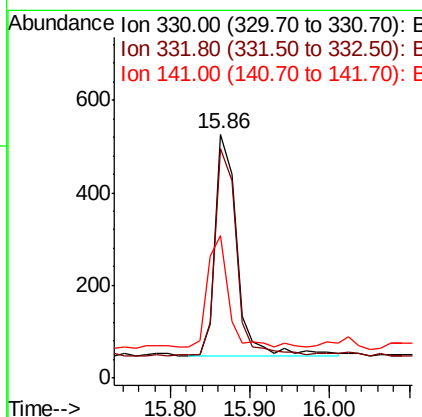
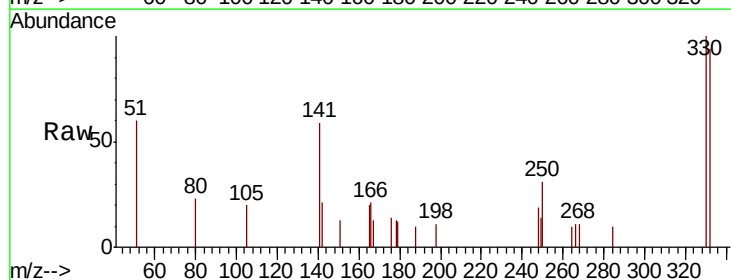
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

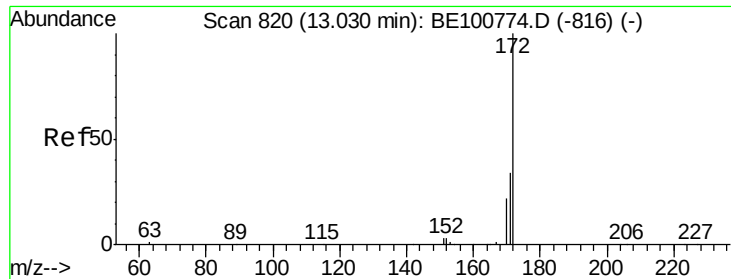
Tot Ion:164 Resp: 12532
Ion Ratio Lower Upper
164 100
162 105.6 86.0 129.0
160 51.7 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.649 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:330 Resp: 904
Ion Ratio Lower Upper
330 100
332 92.9 74.1 111.1
141 48.5 46.7 70.1

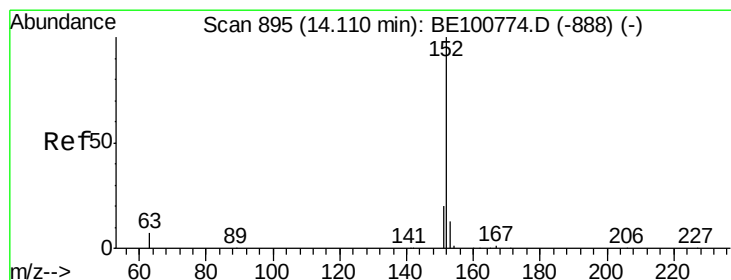
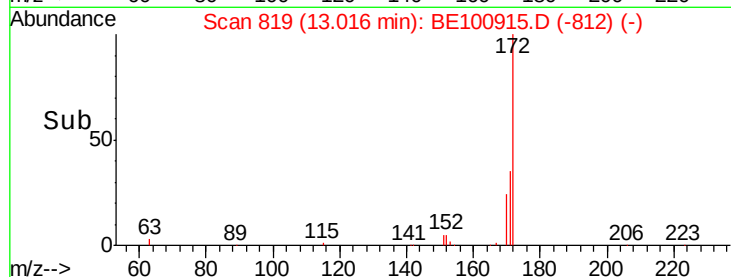
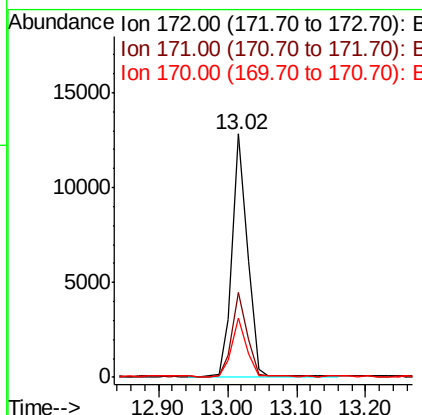
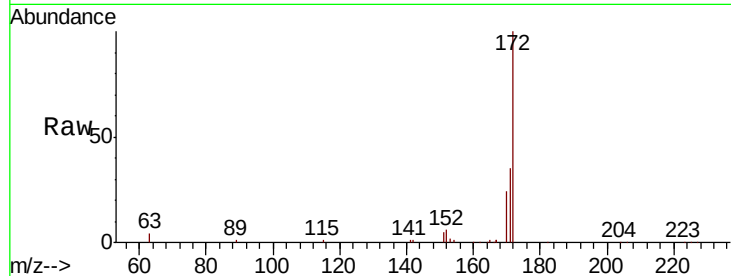




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

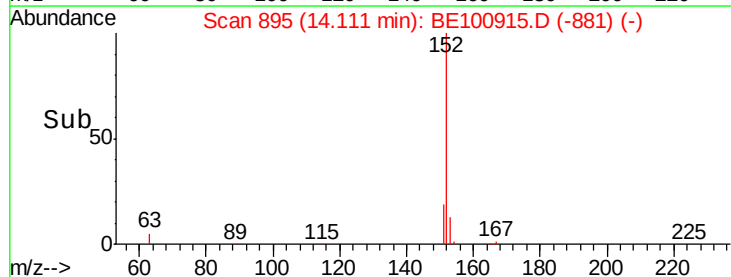
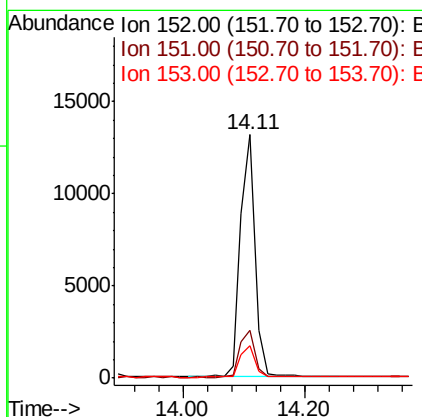
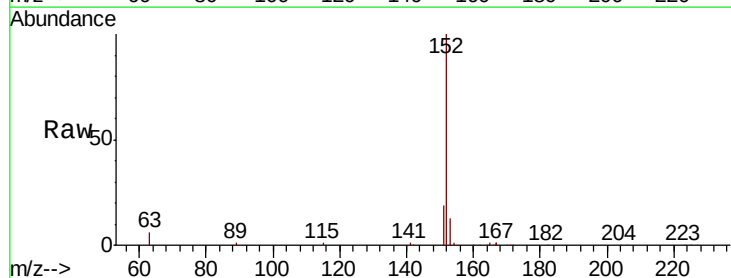
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

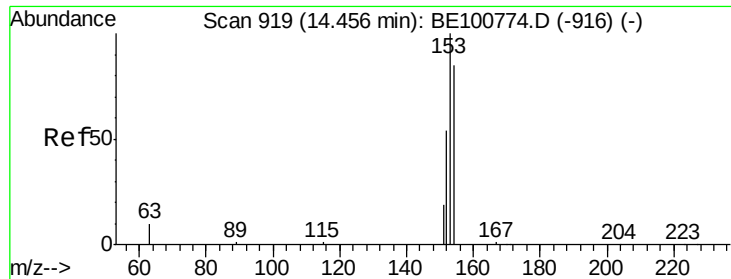
Tot Ion:172 Resp: 19422
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 24.4 19.4 29.0



#16
Acenaphthylene
Concen: 0.433 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:152 Resp: 22424
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.5 15.7

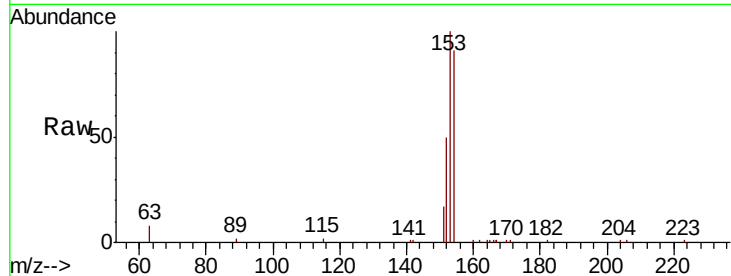




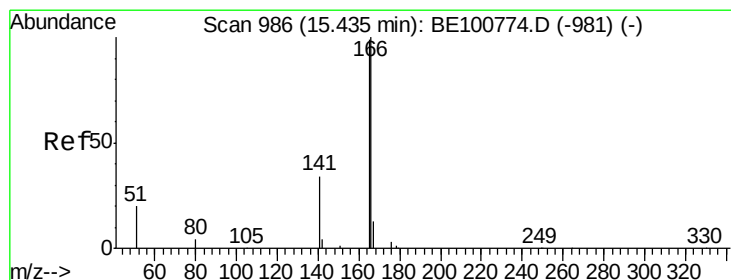
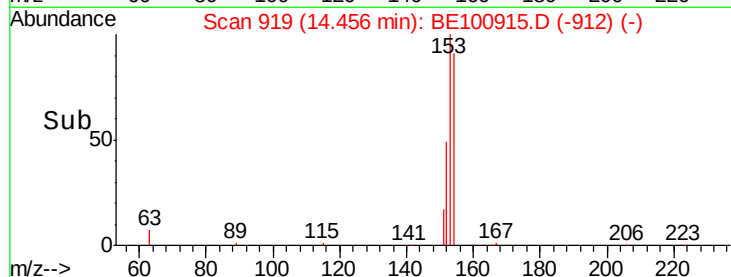
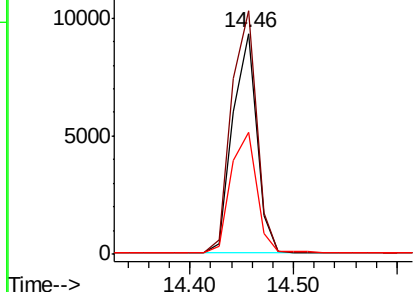
#17
Acenaphthene
Concen: 0.419 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 14982
Ion Ratio Lower Upper
154 100
153 115.3 91.5 137.3
152 58.7 47.7 71.5

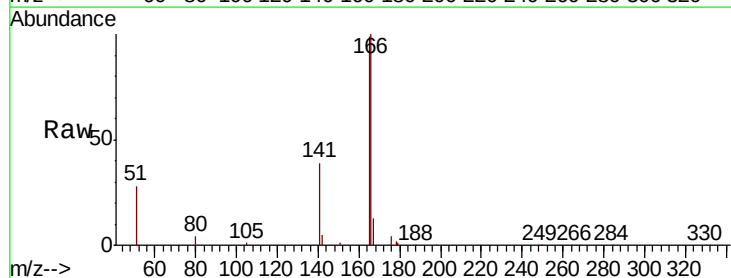


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

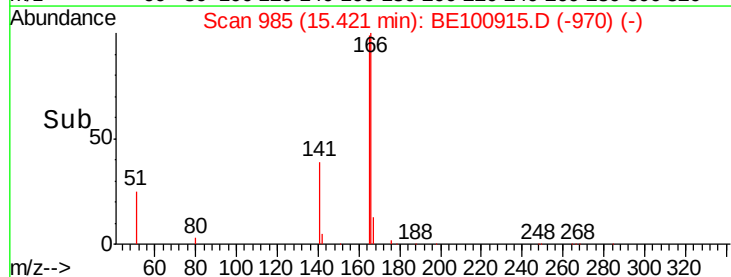
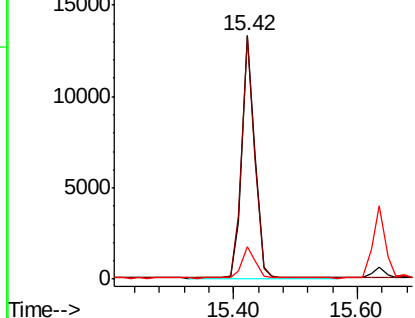


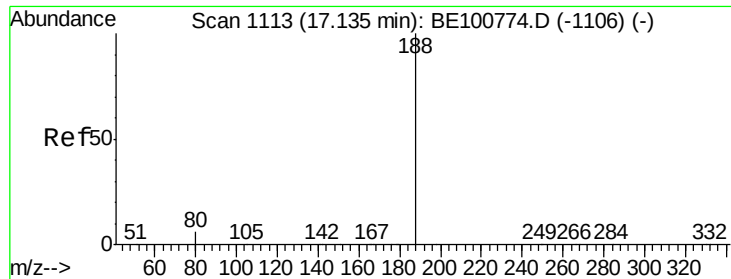
#18
Fluorene
Concen: 0.421 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:166 Resp: 19379
Ion Ratio Lower Upper
166 100
165 99.8 80.2 120.4
167 13.3 10.6 16.0



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: 17.12 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

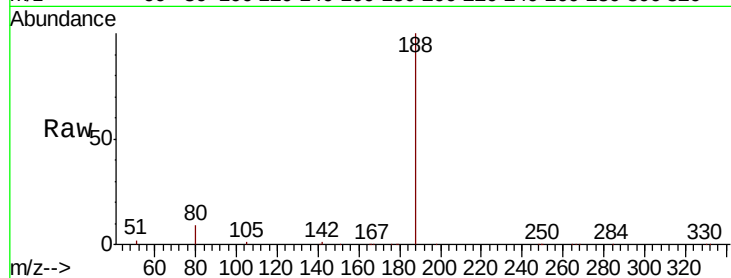
Tot Ion:188 Resp: 26489

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.9 11.9

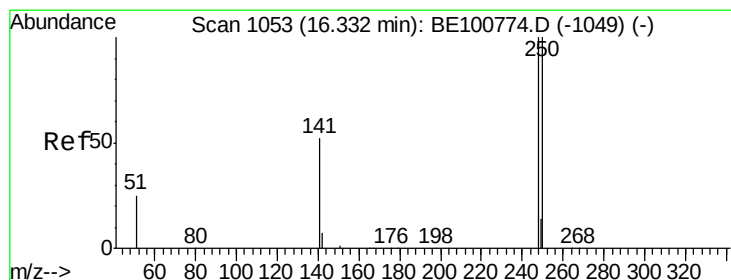
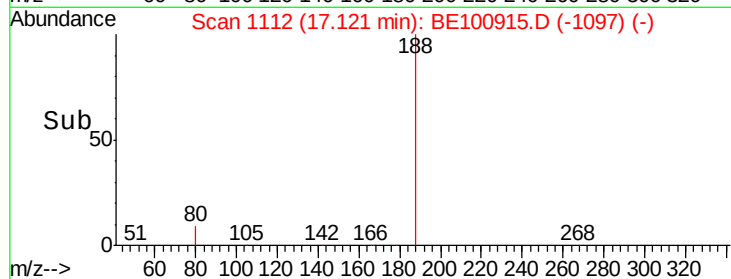
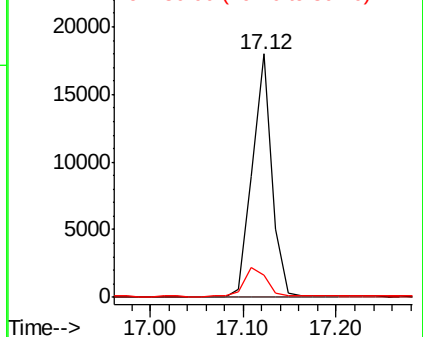


Abundance

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: 0.434 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

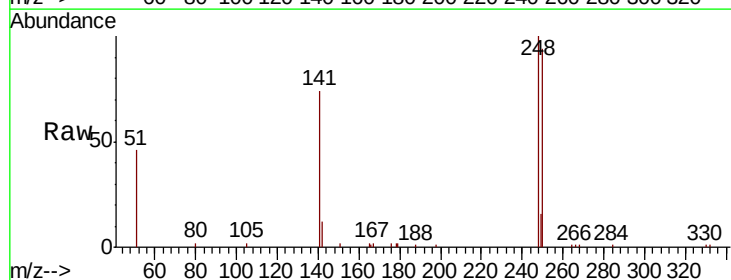
Tgt Ion:248 Resp: 5643

Ion Ratio Lower Upper

248 100

250 93.6 72.4 108.6

141 73.7 68.2 102.2

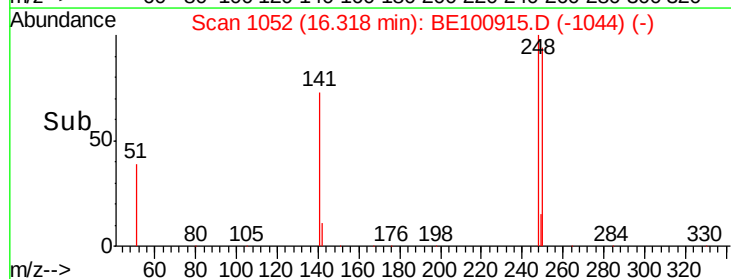
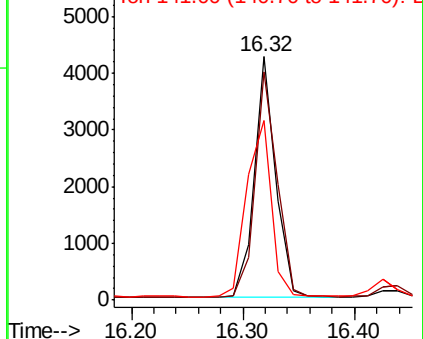


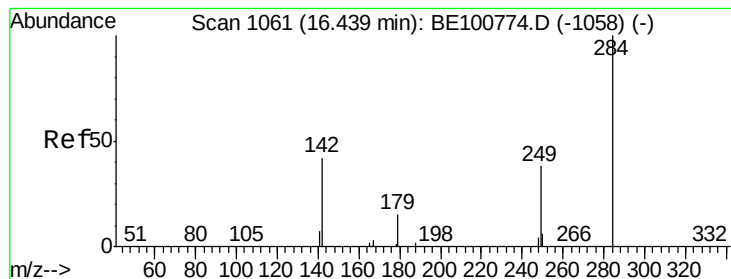
Abundance

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: 0.435 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

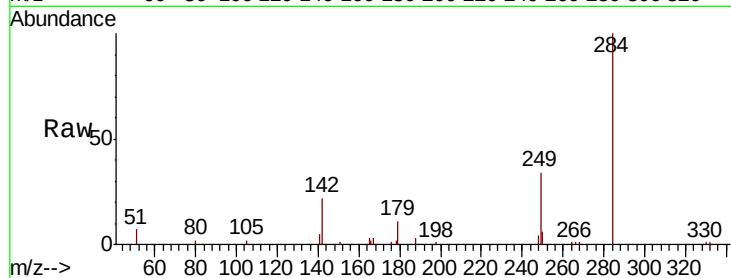
Tot Ion:284 Resp: 6137

Ion Ratio Lower Upper

284 100

142 44.6 35.0 52.4

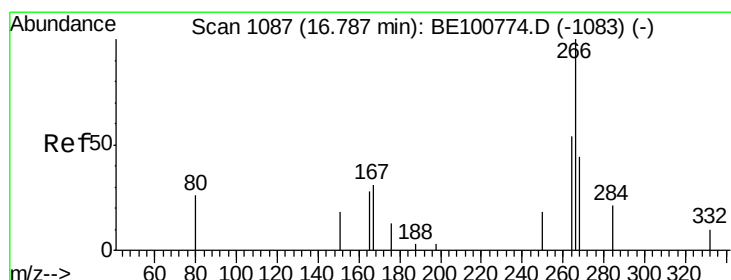
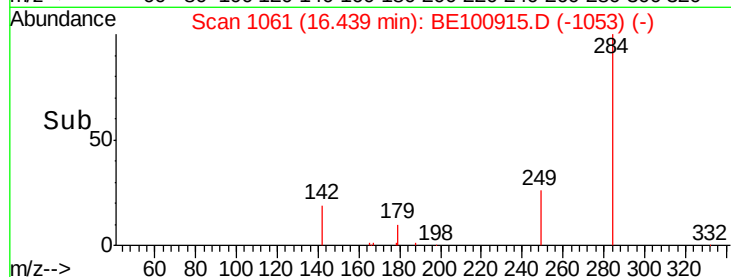
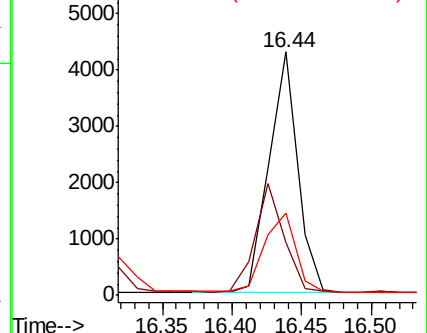
249 35.4 28.1 42.1



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: 0.646 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

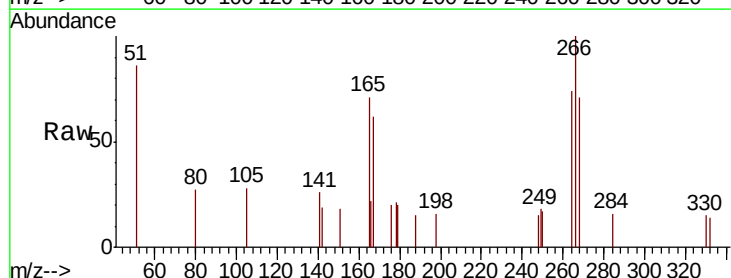
Tgt Ion:266 Resp: 631

Ion Ratio Lower Upper

266 100

264 74.0 55.1 82.7

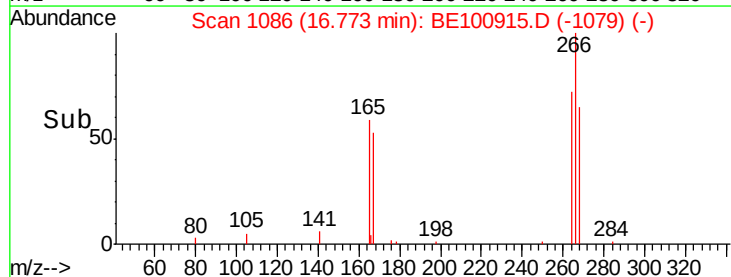
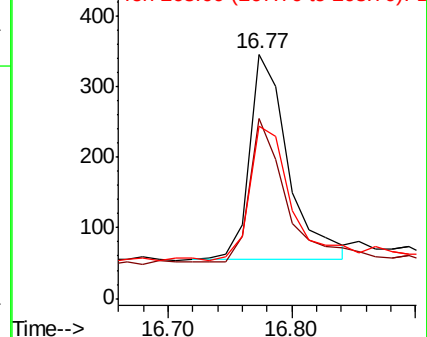
268 70.5 50.7 76.1

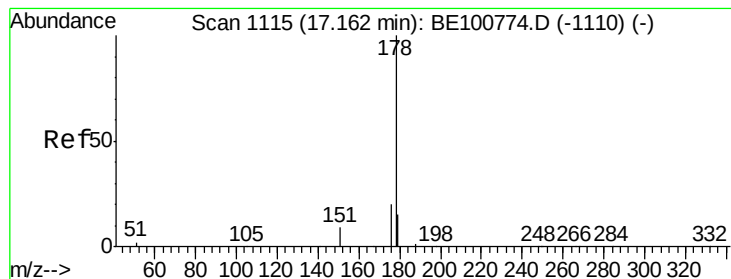


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.424 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

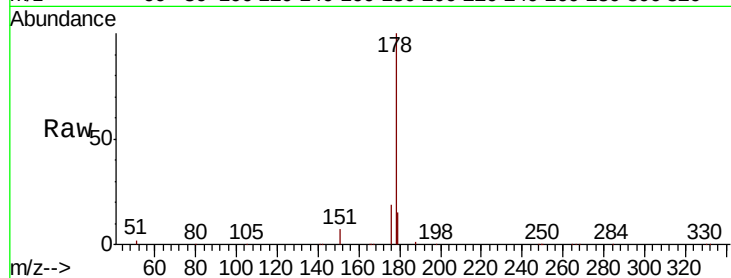
Tot Ion:178 Resp: 34020

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

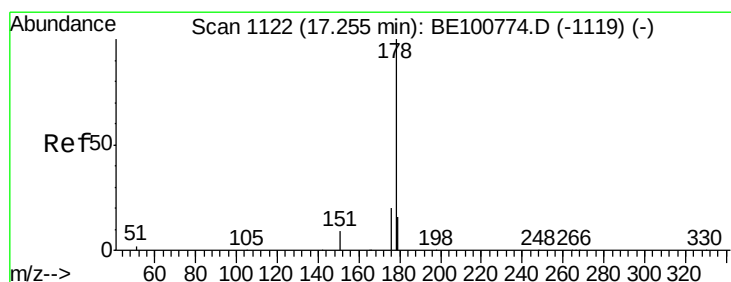
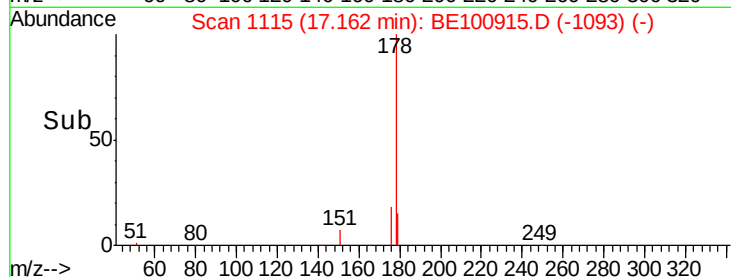
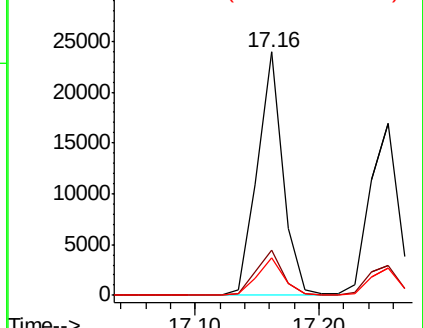
179 15.2 11.9 17.9



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: 0.403 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

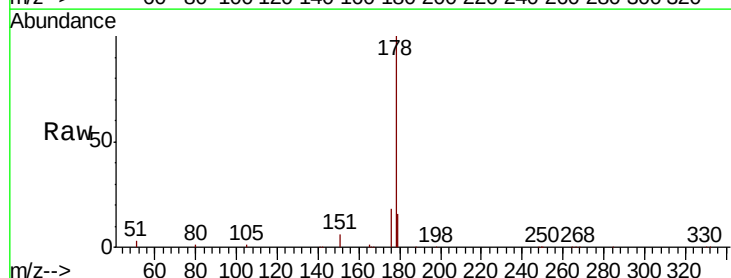
Tgt Ion:178 Resp: 27074

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

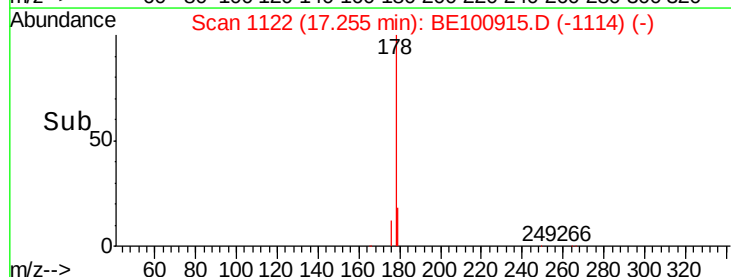
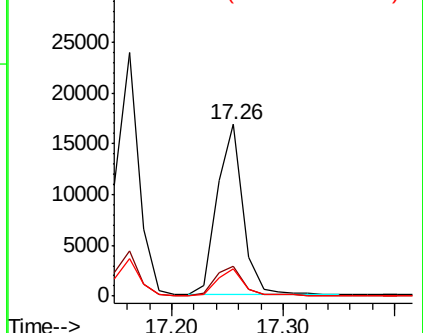
179 15.6 12.2 18.4

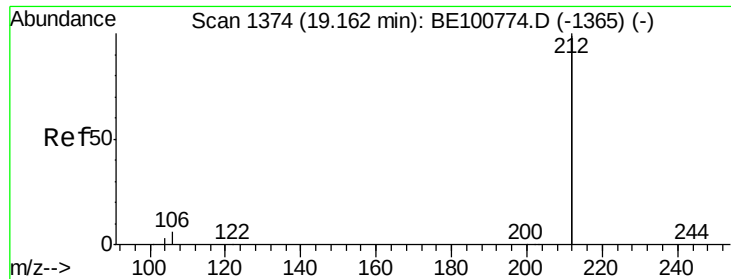


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

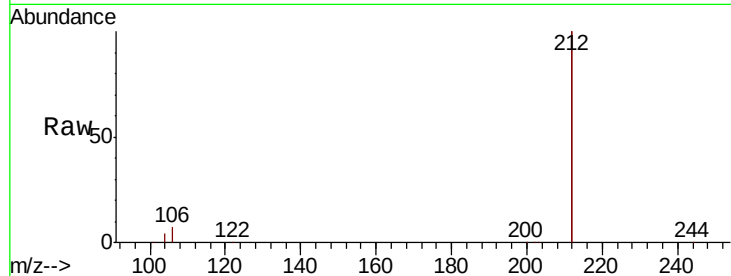
Tot Ion:212 Resp: 111634

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

104 1.9 1.4 2.2

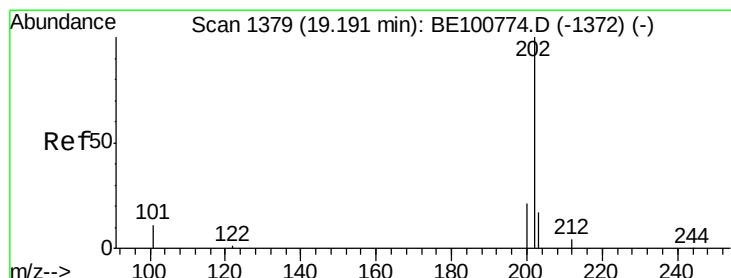
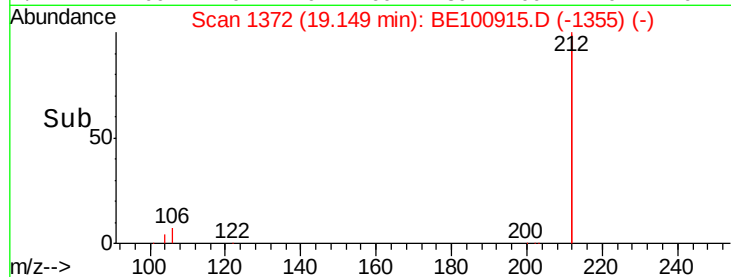
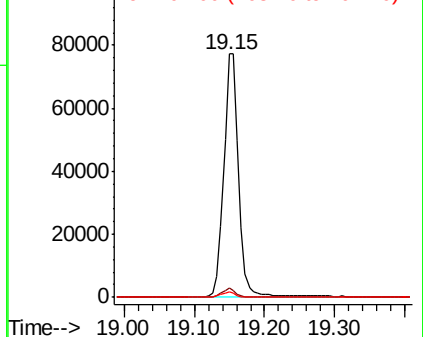


Abundance

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: 0.367 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

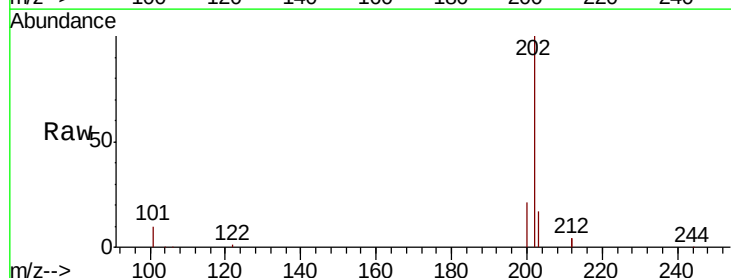
Tgt Ion:202 Resp: 35108

Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.0

203 17.0 13.7 20.5

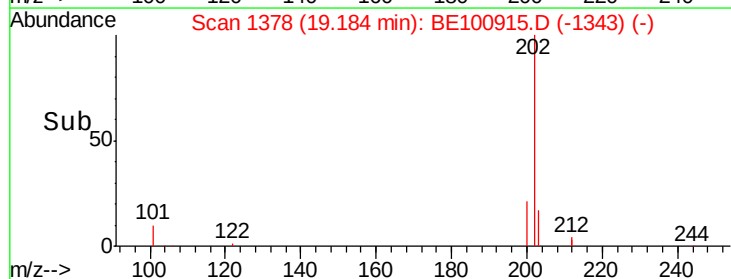
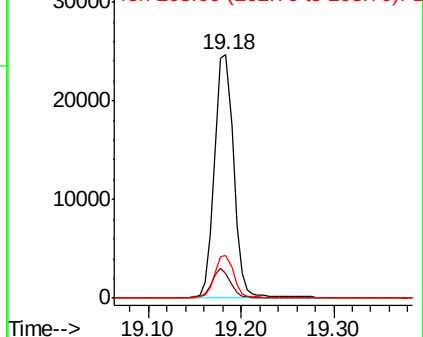


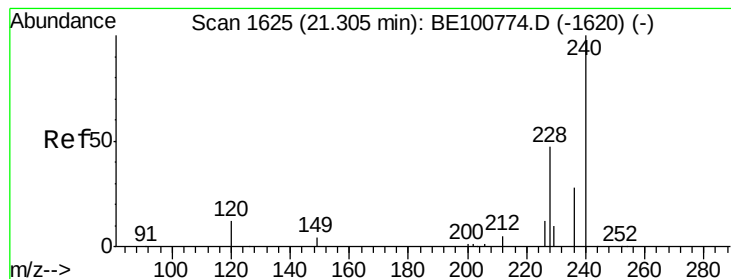
Abundance

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: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

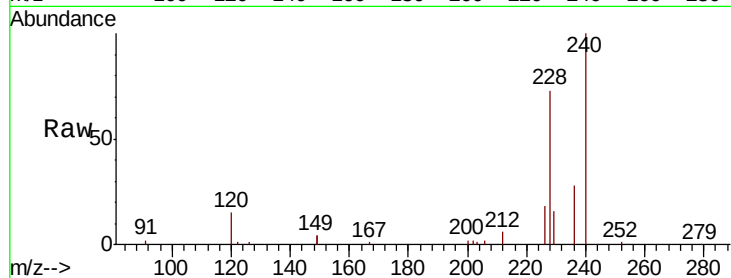
Tot Ion:240 Resp: 22273

Ion Ratio Lower Upper

240 100

120 14.9 4.0 6.0#

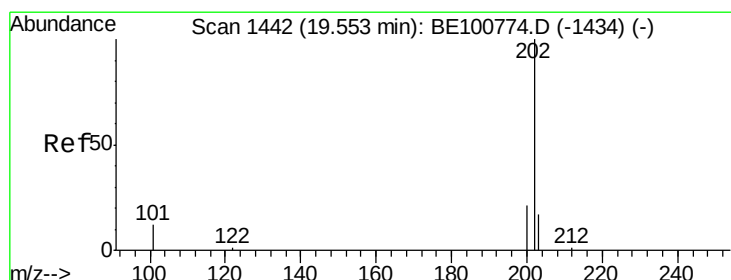
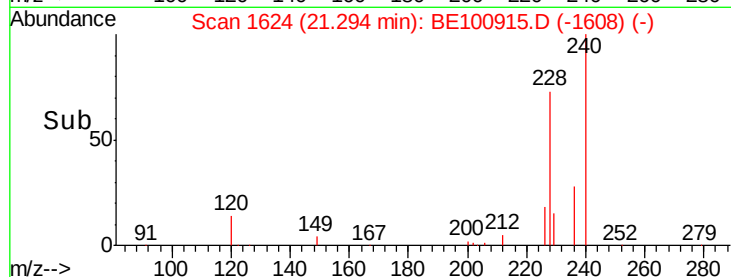
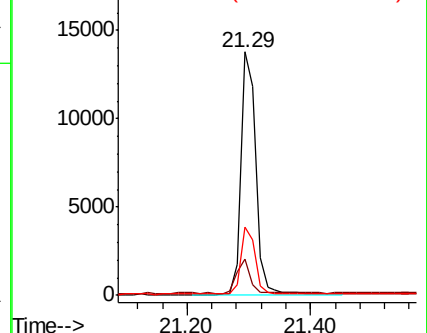
236 28.2 21.6 32.4



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: 0.479 ng

RT: 19.54 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

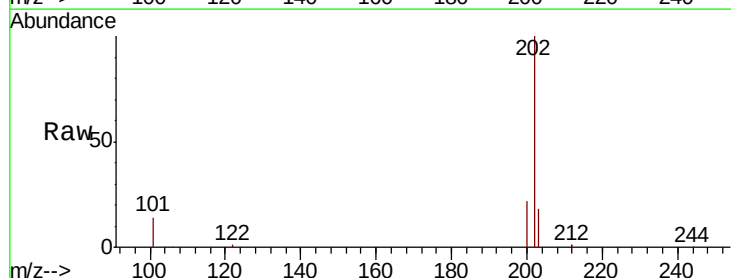
Tgt Ion:202 Resp: 34674

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

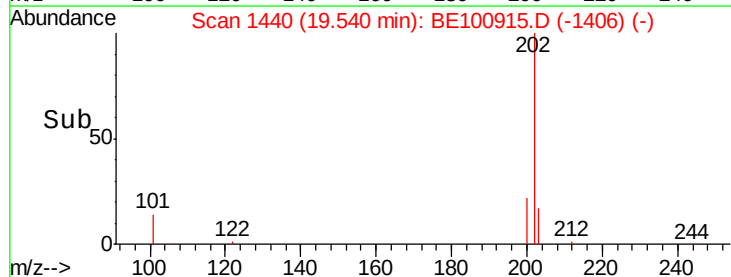
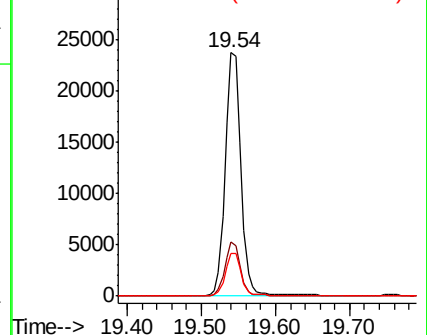
203 17.4 13.8 20.8

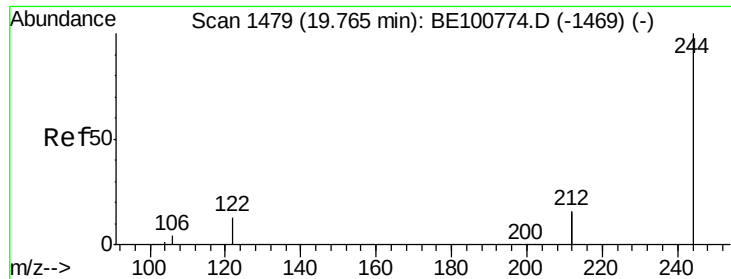


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.435 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

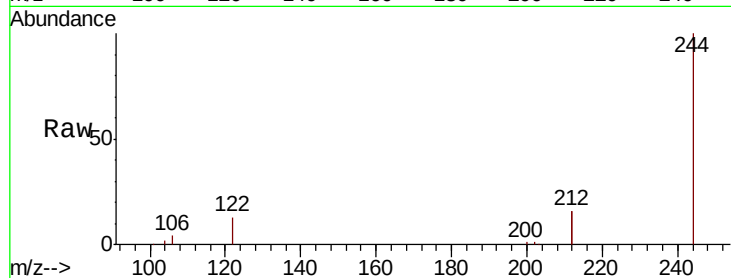
Tot Ion:244 Resp: 23187

Ion Ratio Lower Upper

244 100

212 31.7 25.2 37.8

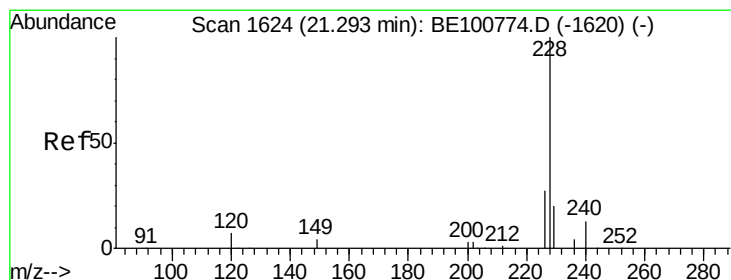
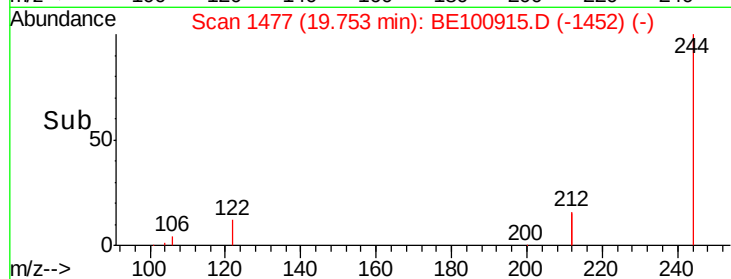
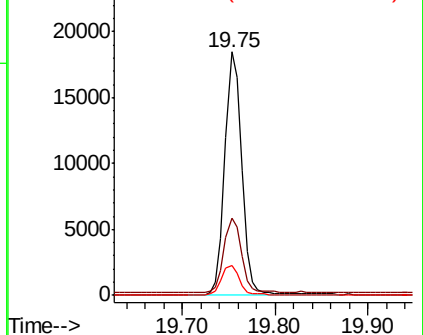
122 12.5 8.9 13.3



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: 0.444 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

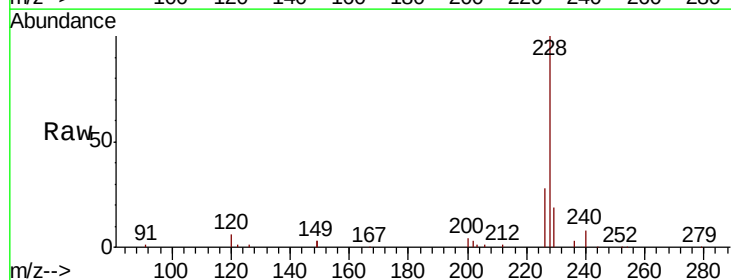
Tgt Ion:228 Resp: 29156

Ion Ratio Lower Upper

228 100

226 28.1 21.4 32.0

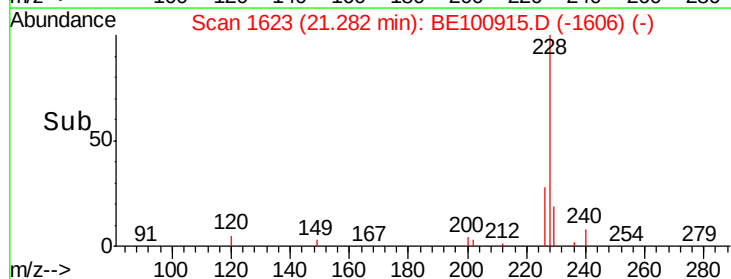
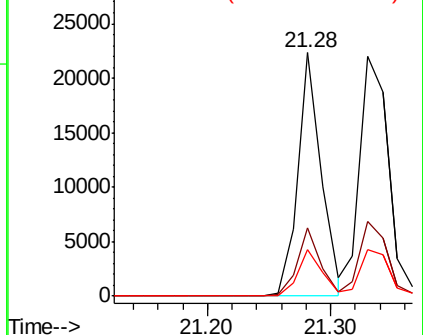
229 19.1 15.8 23.6

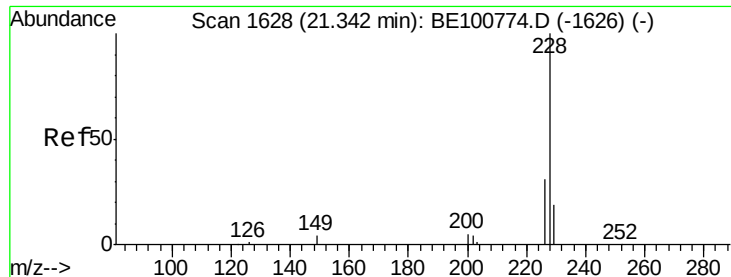


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.455 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

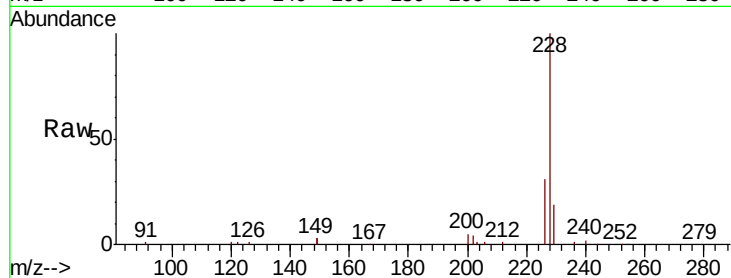
Tot Ion:228 Resp: 35112

Ion Ratio Lower Upper

228 100

226 31.4 25.3 37.9

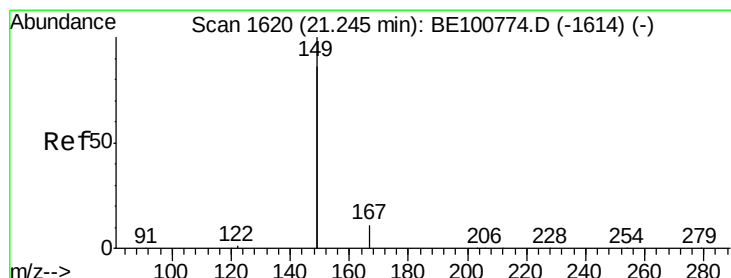
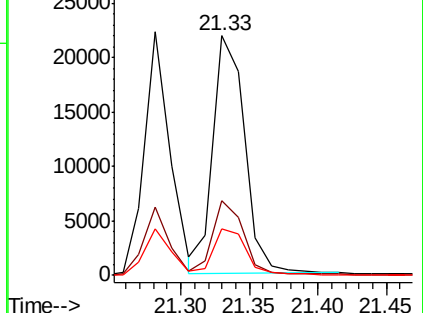
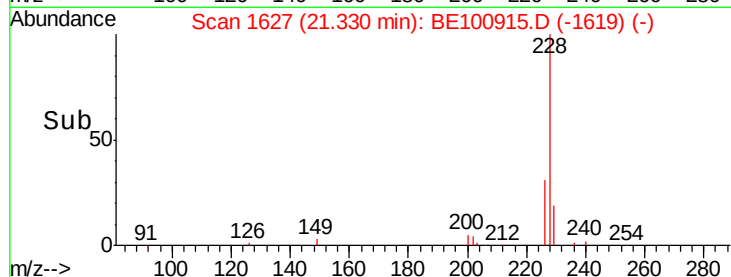
229 19.3 15.2 22.8



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: 0.673 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

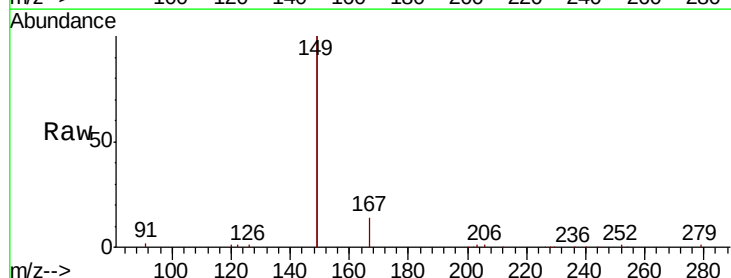
Tgt Ion:149 Resp: 31639

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.4

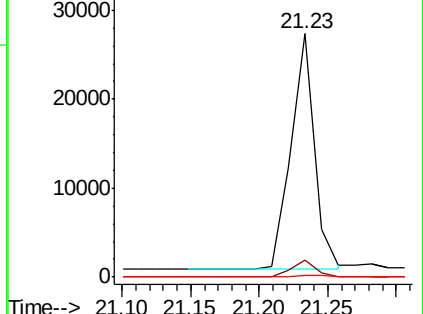
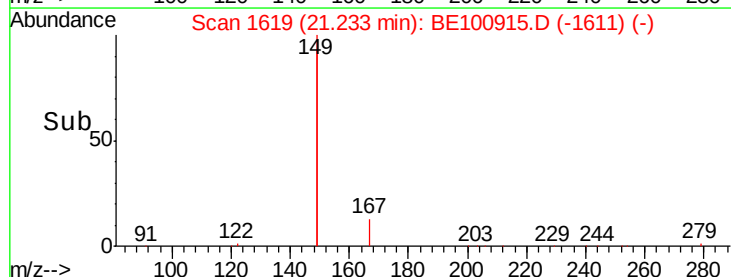
279 0.8 0.6 1.0

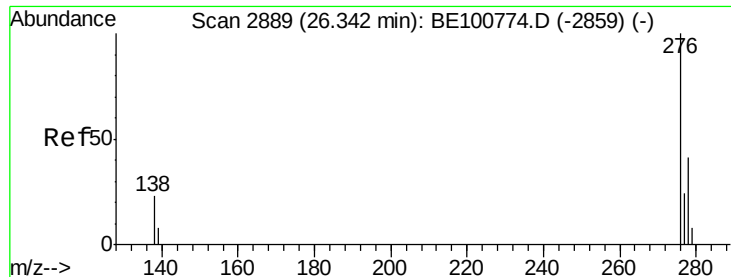


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

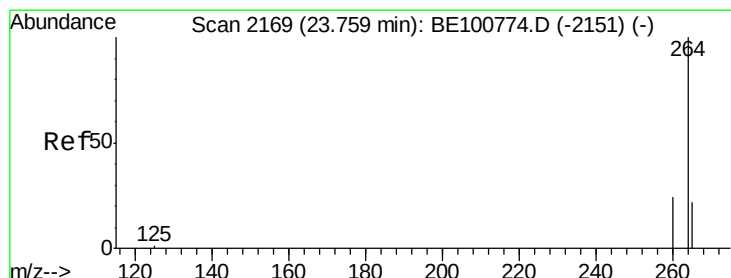
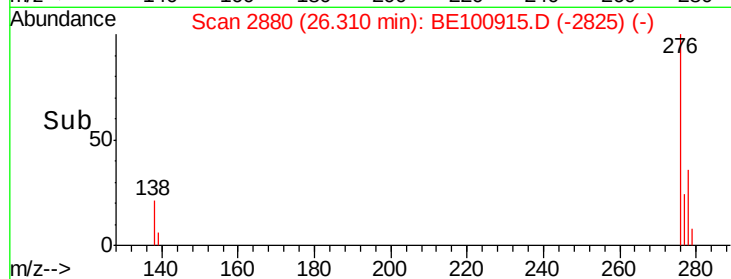
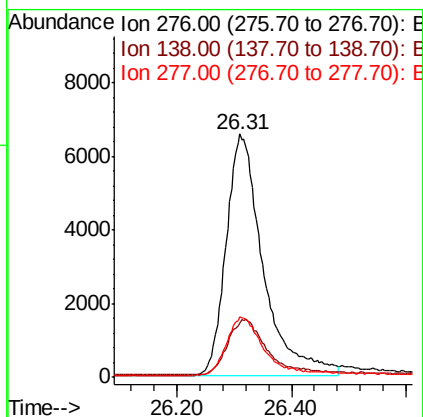
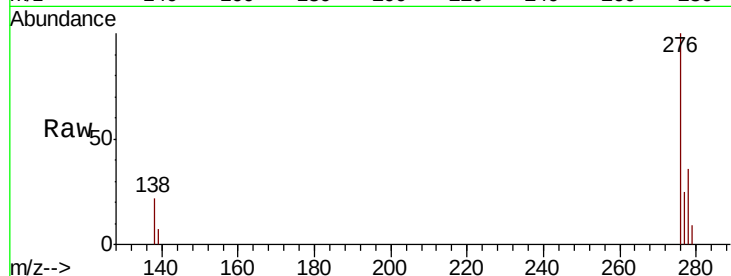




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

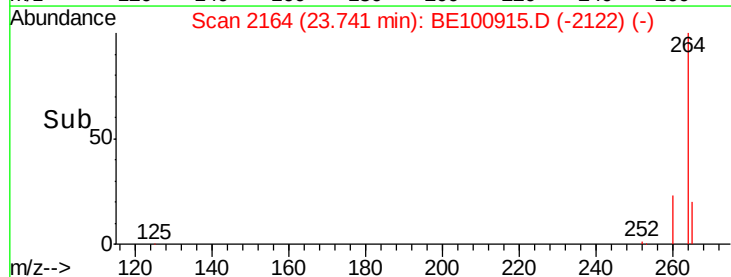
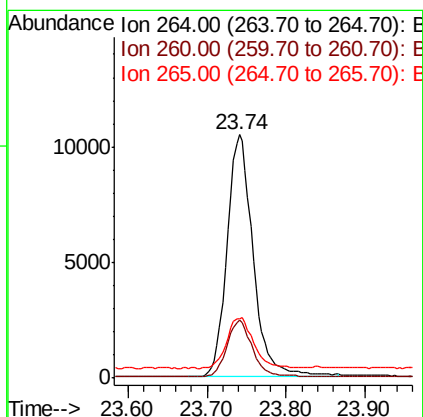
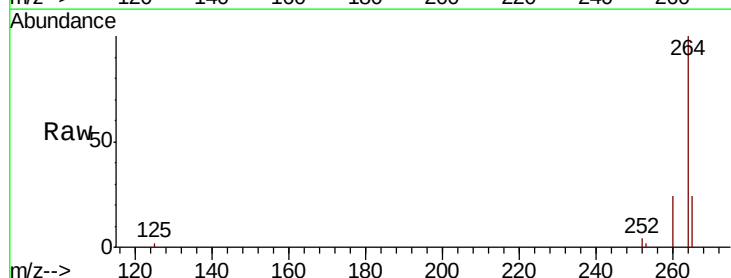
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

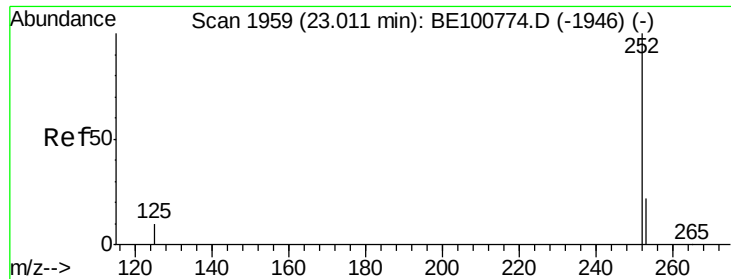
Tot Ion:276 Resp: 29338
Ion Ratio Lower Upper
276 100
138 24.1 18.4 27.6
277 24.2 19.4 29.2



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:264 Resp: 24123
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.0
265 24.3 20.1 30.1

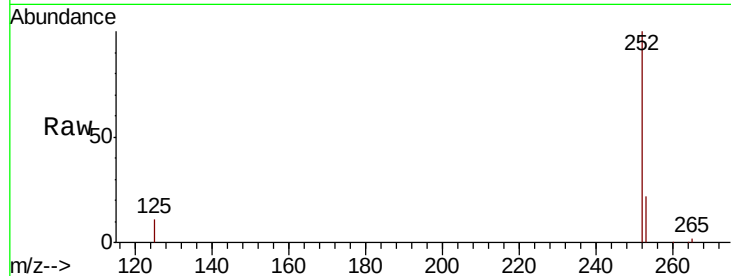




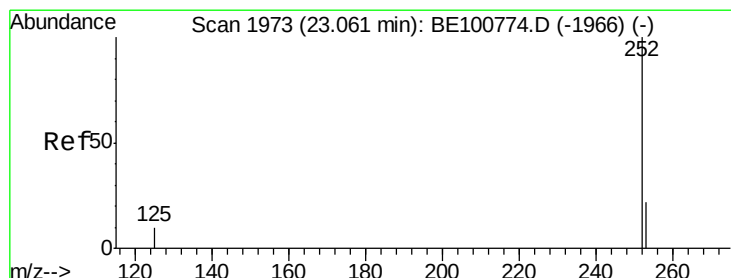
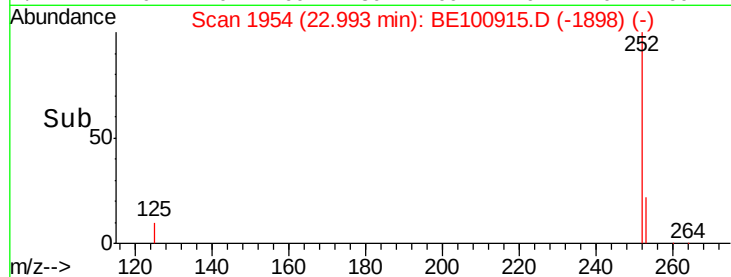
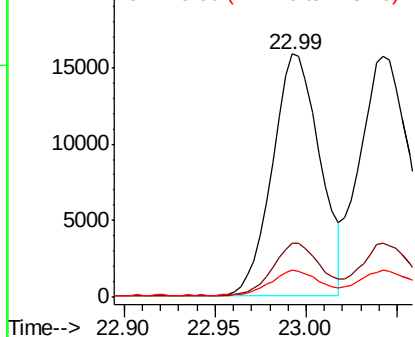
#35
Benzo(b)fluoranthene
Concen: 0.433 ng
RT: 22.99 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 28583
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.1 8.3 12.5

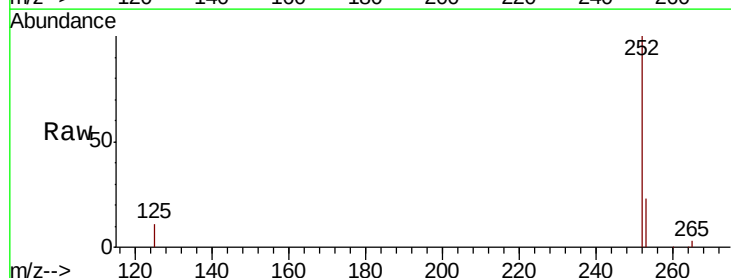


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

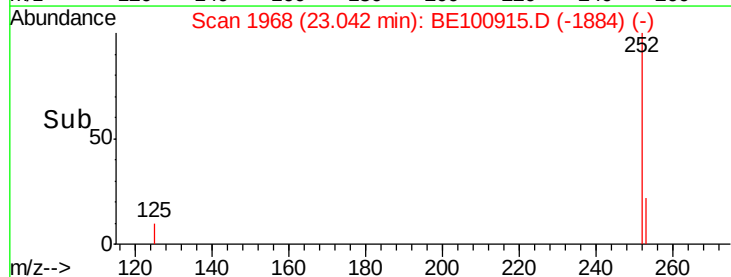
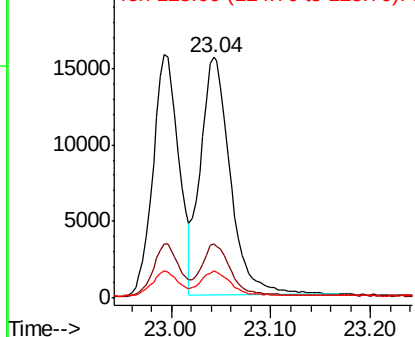


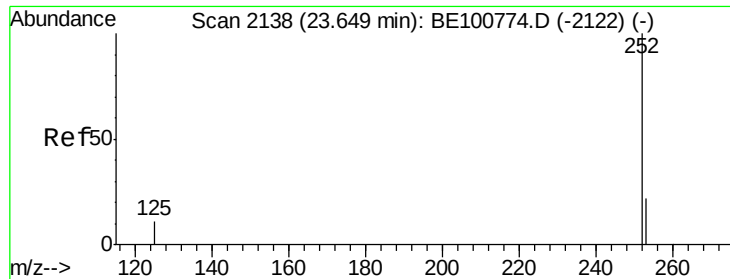
#36
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.04 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BE100915.D
Acq: 16 Dec 2019 9:58

Tgt Ion:252 Resp: 32357
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 11.3 9.4 14.0



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: 0.435 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

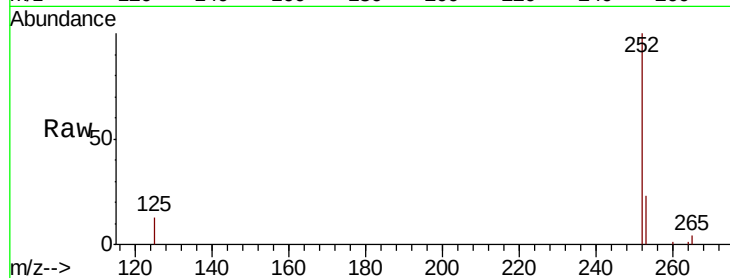
Tot Ion:252 Resp: 24863

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

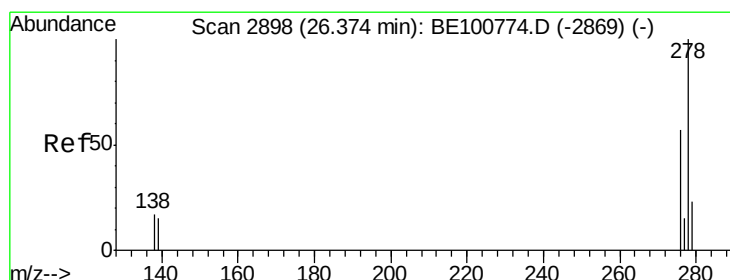
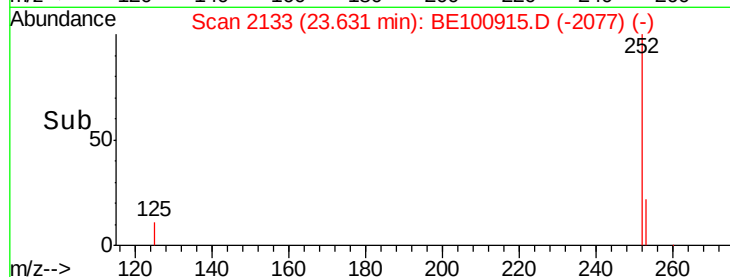
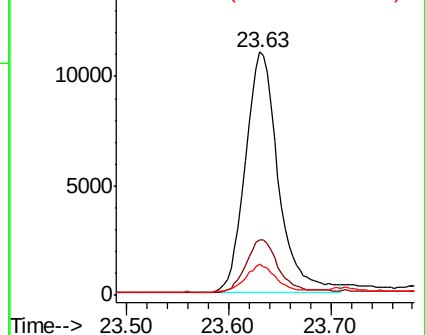
125 12.6 9.9 14.9



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: 0.413 ng

RT: 26.34 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

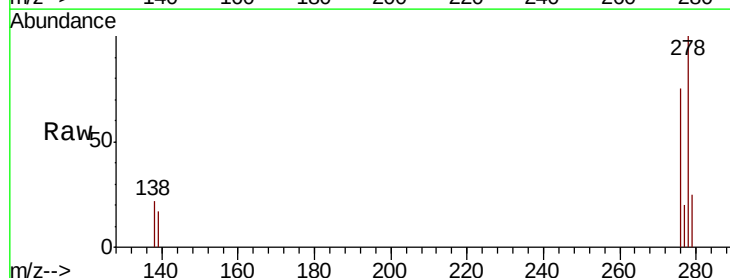
Tgt Ion:278 Resp: 23497

Ion Ratio Lower Upper

278 100

139 16.8 13.8 20.6

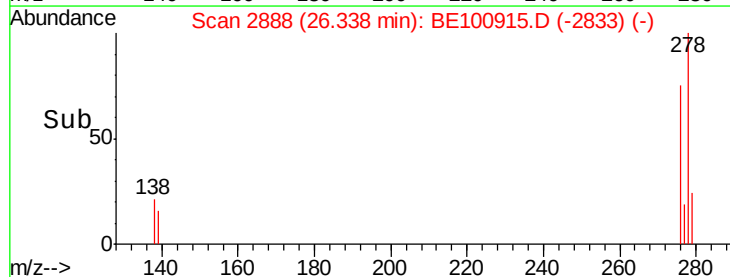
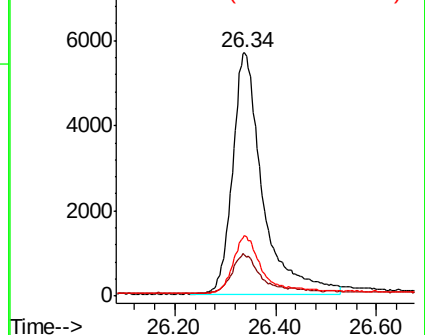
279 25.1 19.8 29.6

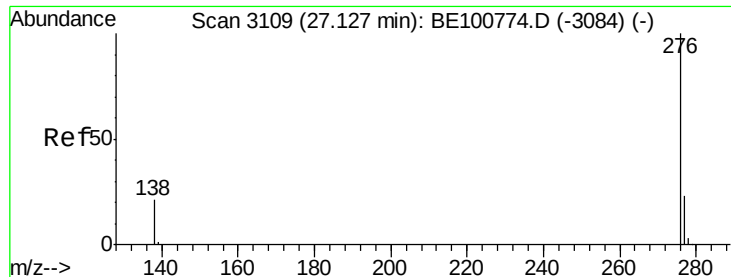


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.424 ng

RT: 27.10 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BE100915.D

Acq: 16 Dec 2019 9:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

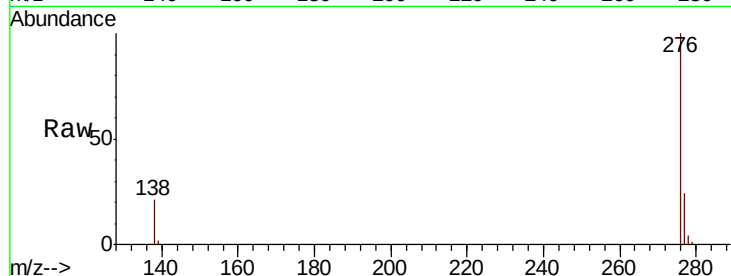
Tot Ion: 276 Resp: 25785

Ion Ratio Lower Upper

276 100

277 24.1 19.7 29.5

138 20.8 18.0 27.0



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

