

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE120619\
 Data File : BE100803.D
 Acq On : 6 Dec 2019 12:59
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 06 13:34:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5610	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	27301	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	15942	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	34577	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	31340	0.40	ng	0.00
34) Perylene-d12	23.75	264	37315	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	6371	0.48	ng	0.00
5) Phenol-d6	6.93	99	9864	0.49	ng	0.00
8) Nitrobenzene-d5	8.90	82	7525	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15578	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1429	0.81	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	22567	0.36	ng	0.00
25) Fluoranthene-d10	19.16	212	135787	0.33	ng	0.00
29) Terphenyl-d14	19.76	244	28932	0.39	ng	0.00

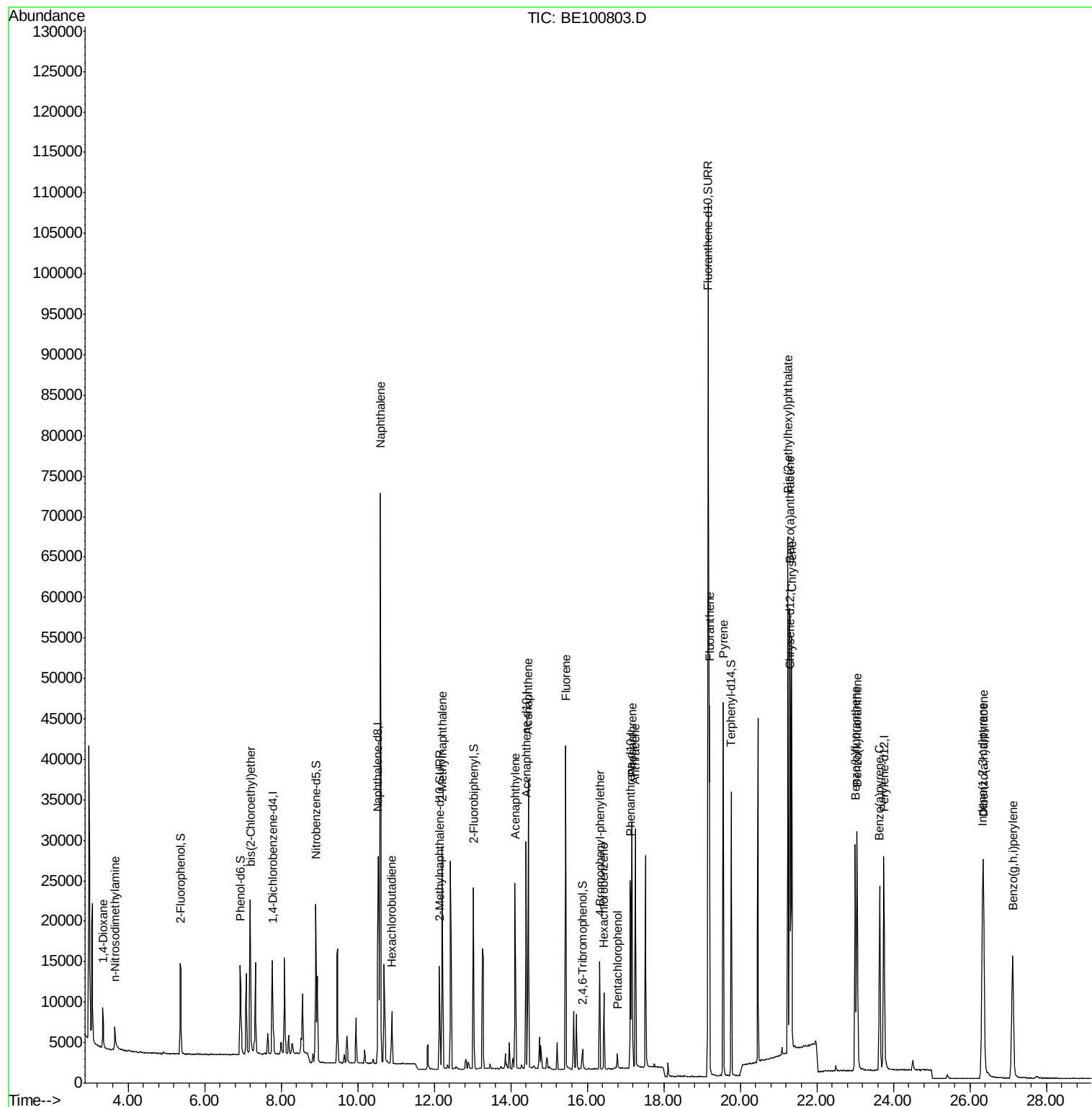
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3637	0.356	ng	99
3) n-Nitrosodimethylamine	3.65	42	3332	0.400	ng	# 86
6) bis(2-Chloroethyl)ether	7.19	93	7659	0.394	ng	99
9) Naphthalene	10.59	128	110365	0.380	ng	100
10) Hexachlorobutadiene	10.89	225	4223	0.373	ng	99
12) 2-Methylnaphthalene	12.21	142	17620	0.389	ng	98
16) Acenaphthylene	14.11	152	25248	0.383	ng	99
17) Acenaphthene	14.46	154	17237	0.379	ng	96
18) Fluorene	15.43	166	21702	0.370	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	6288	0.371	ng	98
21) Hexachlorobenzene	16.44	284	6903	0.375	ng	98
22) Pentachlorophenol	16.79	266	1010	0.792	ng	# 82
23) Phenanthrene	17.17	178	38004	0.363	ng	100
24) Anthracene	17.25	178	32289	0.369	ng	99
26) Fluoranthene	19.19	202	40813	0.327	ng	100
28) Pyrene	19.55	202	40988	0.403	ng	100
30) Benzo(a)anthracene	21.29	228	39244	0.425	ng	99
31) Chrysene	21.34	228	40764	0.376	ng	99
32) Bis(2-ethylhexyl)phthalate	21.25	149	67902	0.965	ng	99
33) Indeno(1,2,3-cd)pyrene	26.33	276	44195	0.467	ng	100
35) Benzo(b)fluoranthene	23.00	252	39423	0.386	ng	99
36) Benzo(k)fluoranthene	23.05	252	40527	0.354	ng	100
37) Benzo(a)pyrene	23.64	252	36053	0.408	ng	99
38) Dibenzo(a,h)anthracene	26.36	278	35907	0.408	ng	99
39) Benzo(g,h,i)perylene	27.12	276	37010	0.393	ng	99

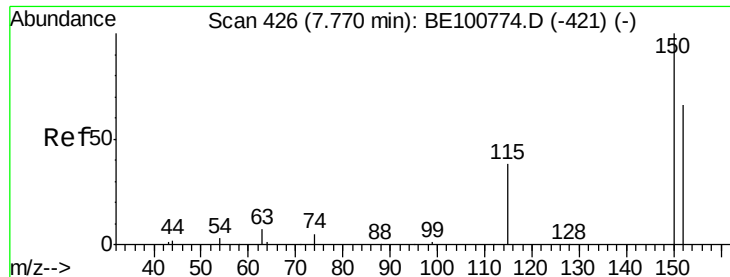
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 13:34:55 2019
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QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

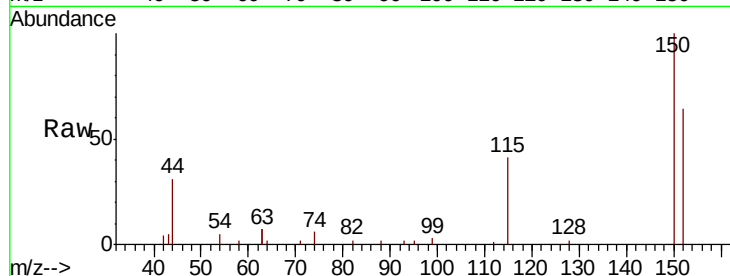
Tot Ion:152 Resp: 5610

Ion Ratio Lower Upper

152 100

150 155.1 120.6 181.0

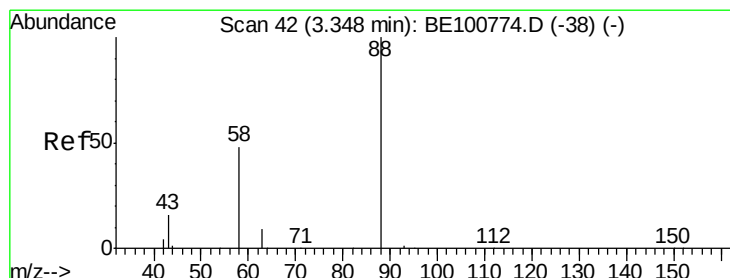
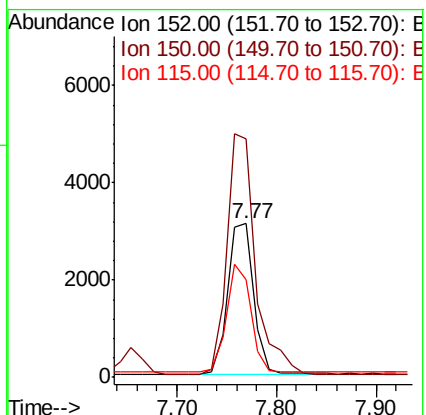
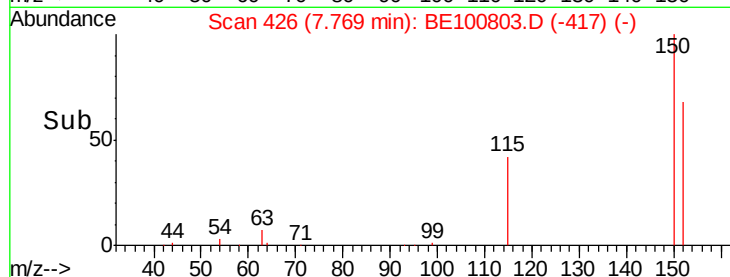
115 63.4 47.4 71.2



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: 0.356 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

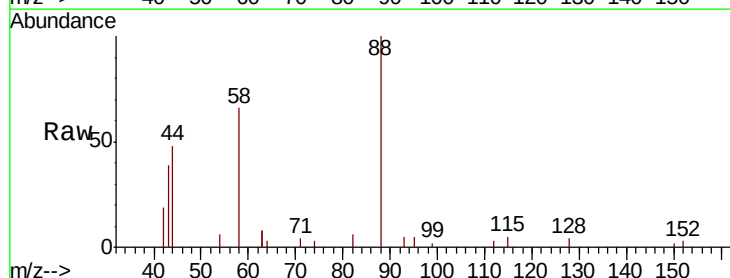
Tgt Ion: 88 Resp: 3637

Ion Ratio Lower Upper

88 100

58 66.4 52.5 78.7

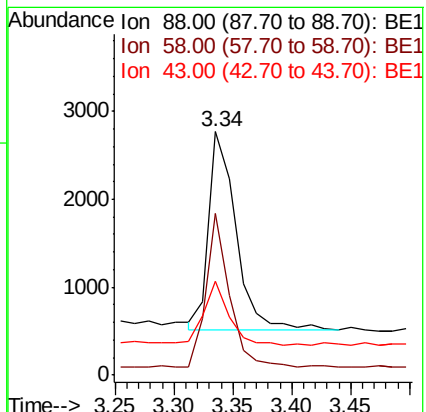
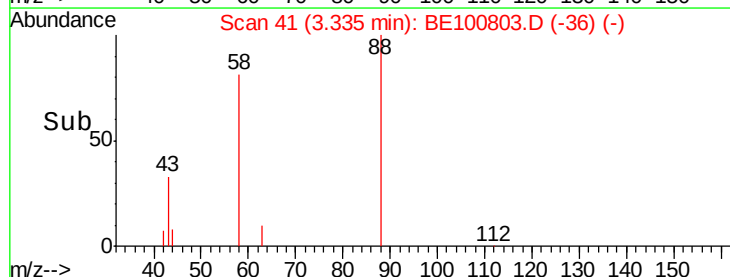
43 29.7 23.0 34.6

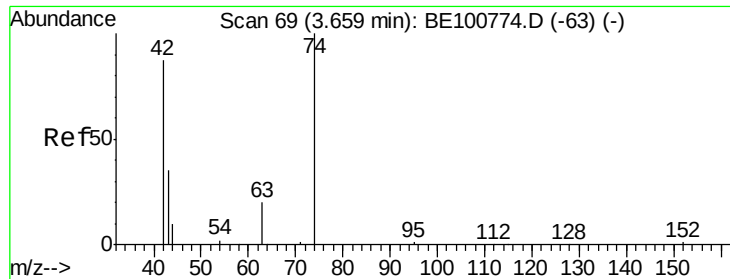


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.400 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

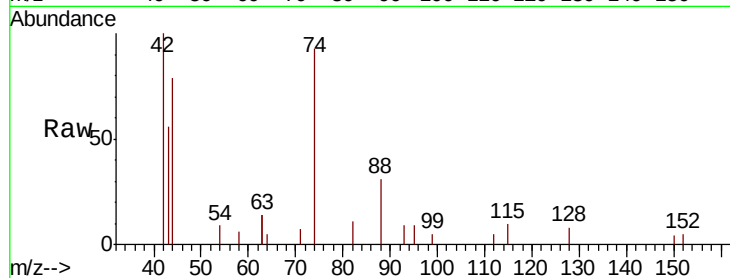
Tot Ion: 42 Resp: 3332

Ion Ratio Lower Upper

42 100

74 119.5 86.3 129.5

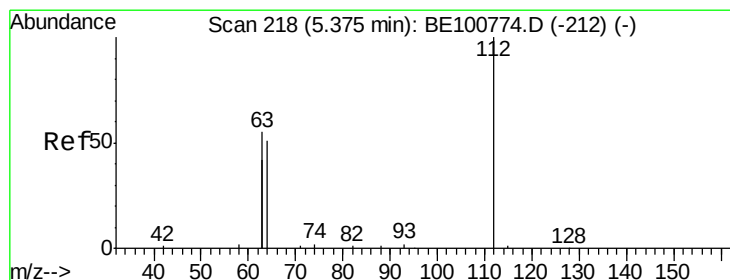
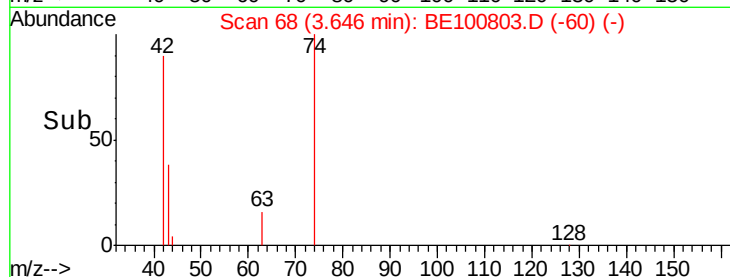
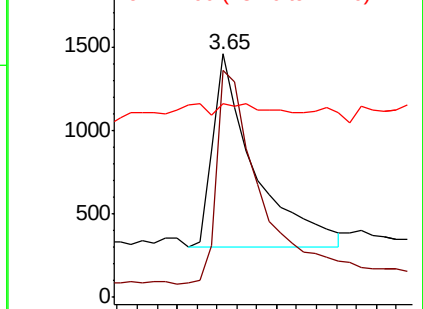
44 0.0 11.6 17.4#



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: 0.479 ng

RT: 5.37 min Scan# 218

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

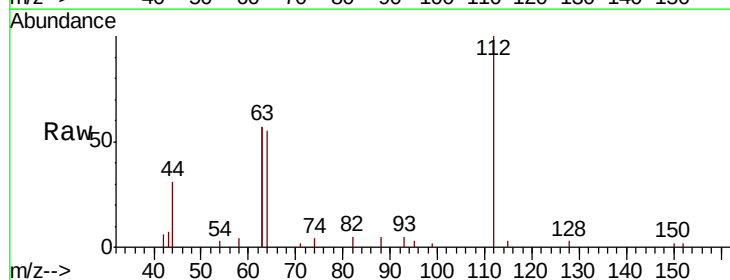
Tgt Ion: 112 Resp: 6371

Ion Ratio Lower Upper

112 100

64 66.2 54.1 81.1

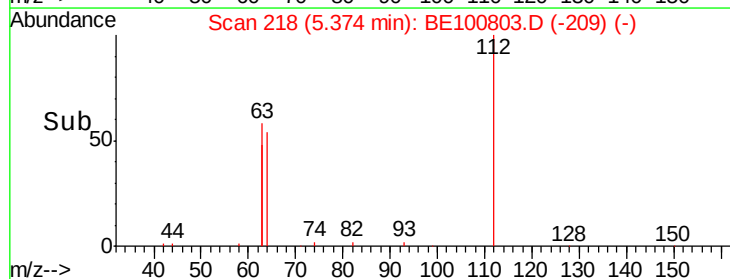
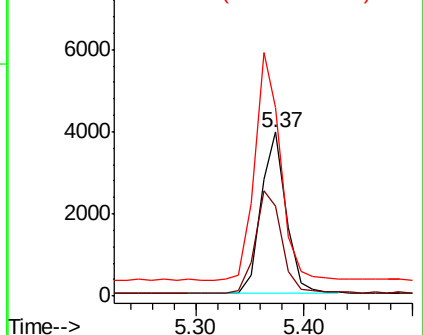
63 143.5 113.2 169.8

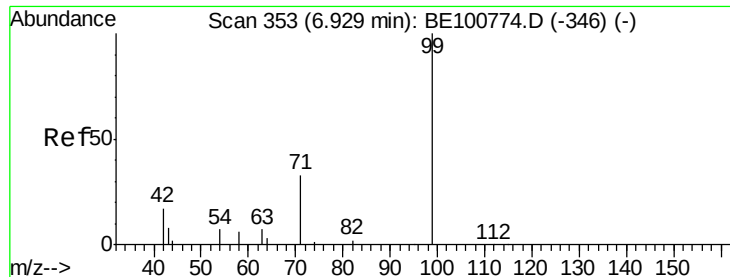


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.491 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

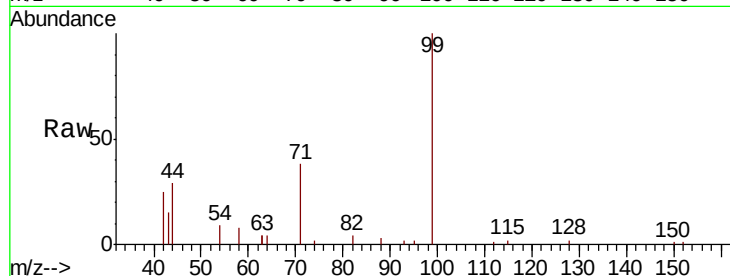
Tot Ion: 99 Resp: 9864

Ion Ratio Lower Upper

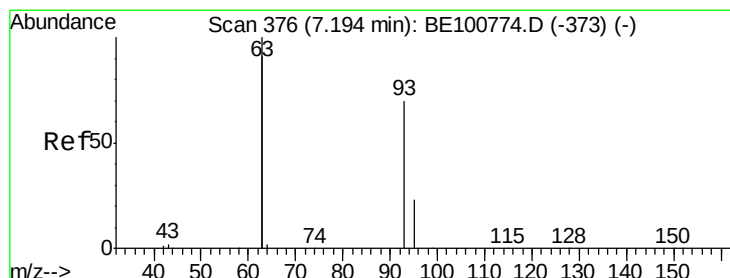
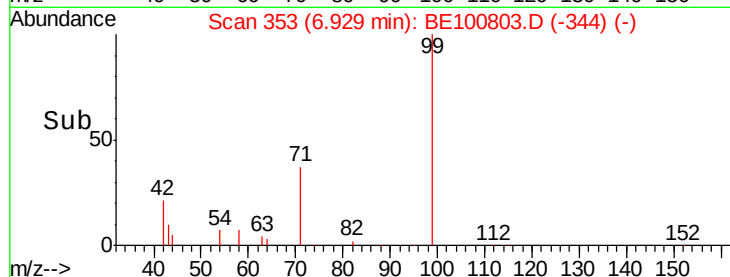
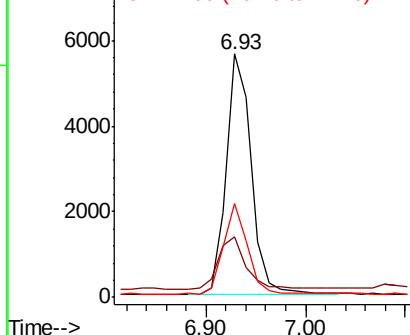
99 100

42 23.5 19.1 28.7

71 36.3 27.7 41.5



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: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

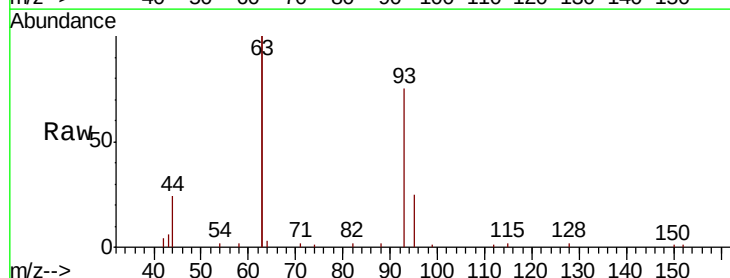
Tgt Ion: 93 Resp: 7659

Ion Ratio Lower Upper

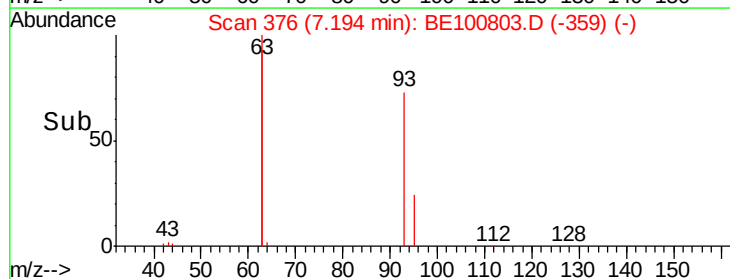
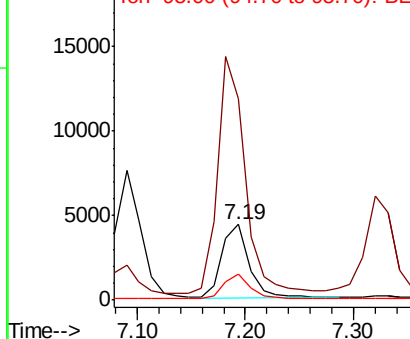
93 100

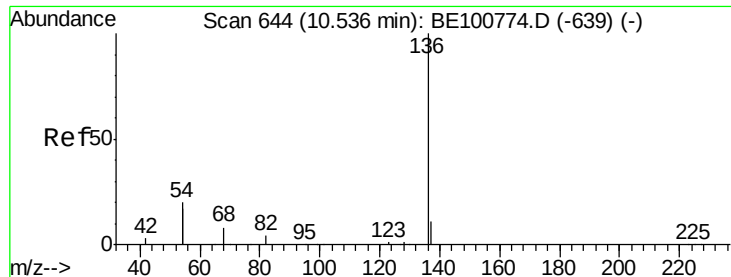
63 321.9 259.4 389.0

95 31.2 26.2 39.2



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: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 27301

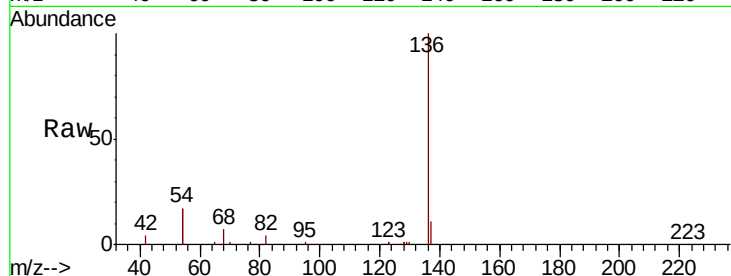
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.0

54 34.6 31.1 46.7

68 7.3 6.6 10.0

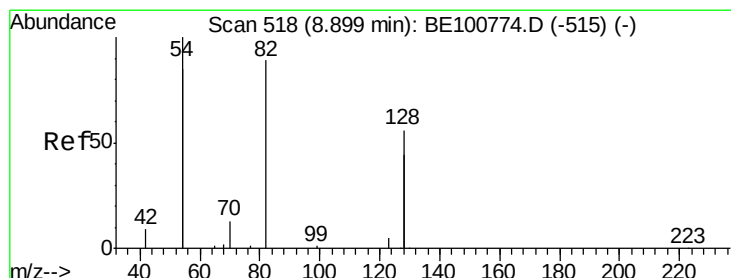
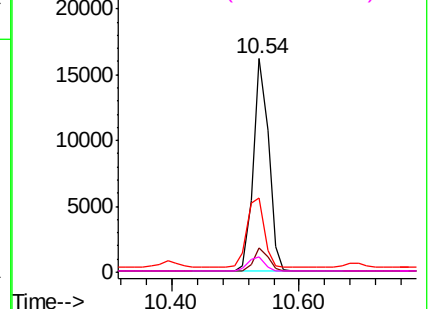
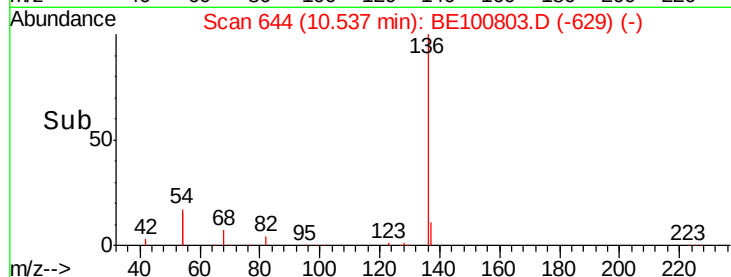


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.579 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

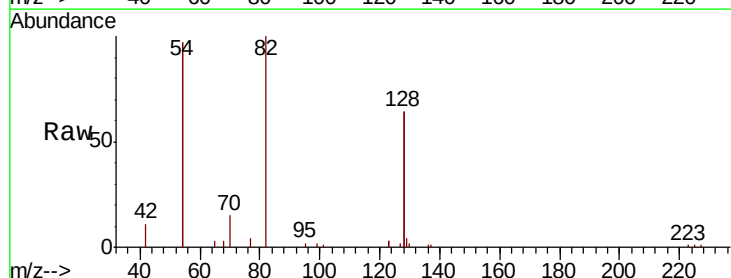
Tgt Ion: 82 Resp: 7525

Ion Ratio Lower Upper

82 100

128 127.8 97.0 145.4

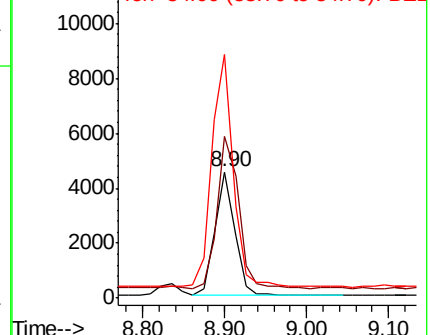
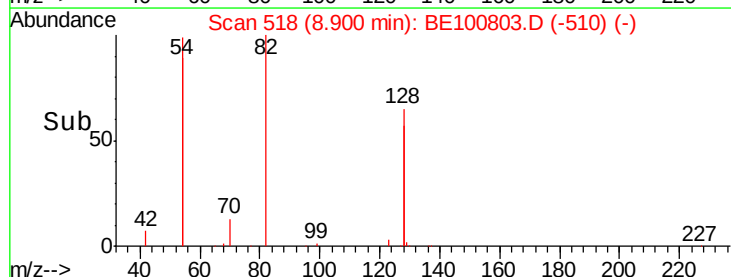
54 193.1 171.8 257.6

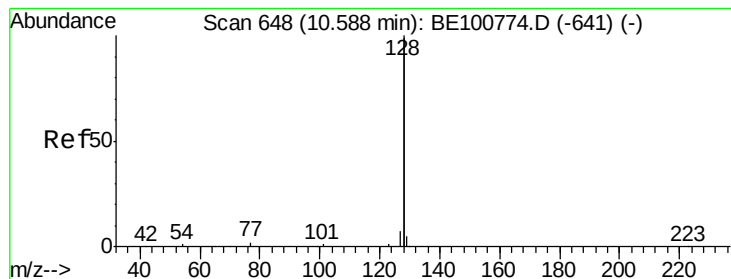


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.380 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

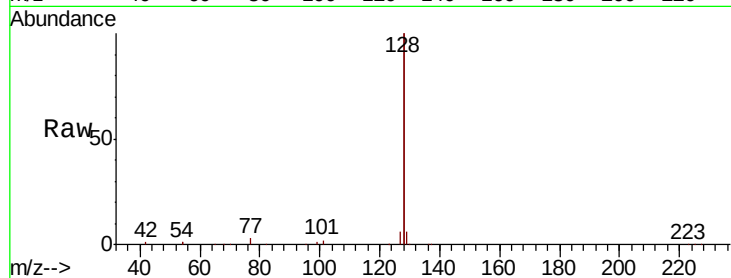
Tot Ion:128 Resp: 110365

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

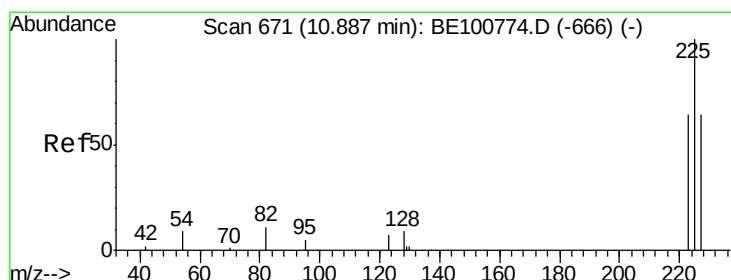
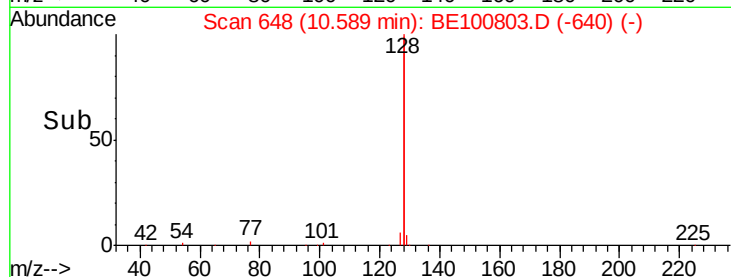
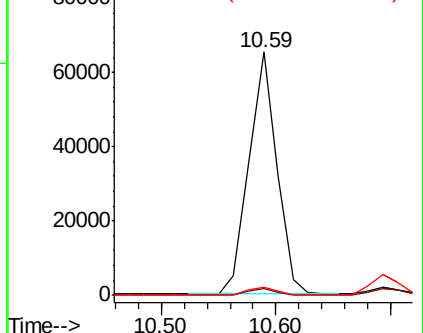
127 3.2 2.7 4.1



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: 0.373 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

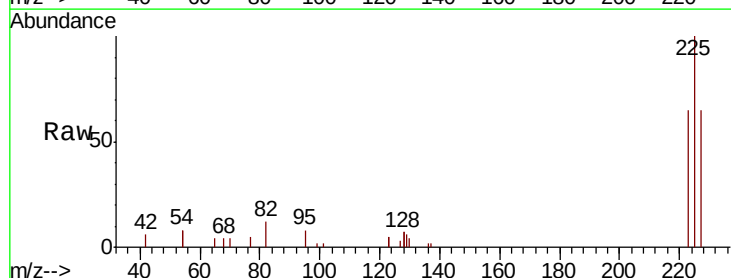
Tgt Ion:225 Resp: 4223

Ion Ratio Lower Upper

225 100

223 63.0 49.9 74.9

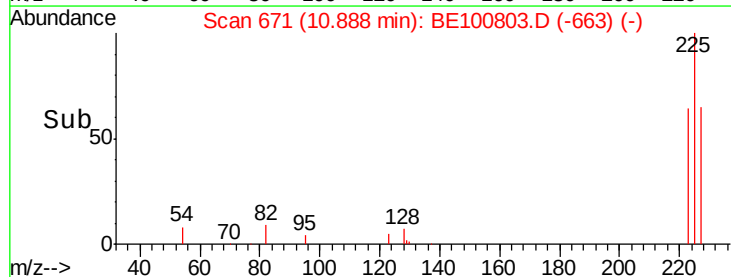
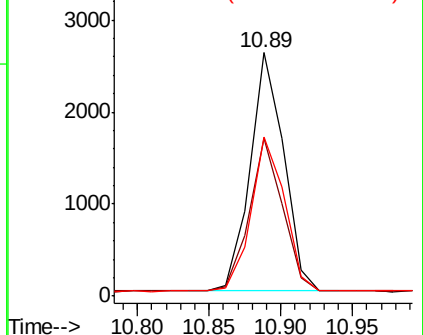
227 64.9 52.2 78.4

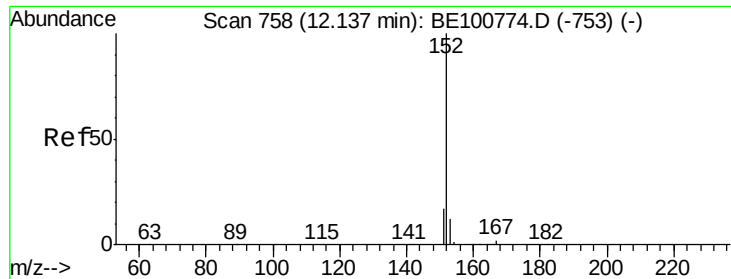


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

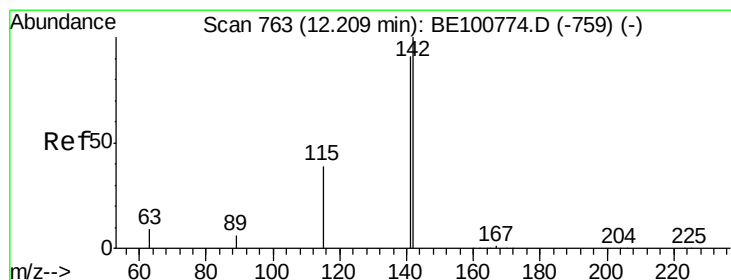
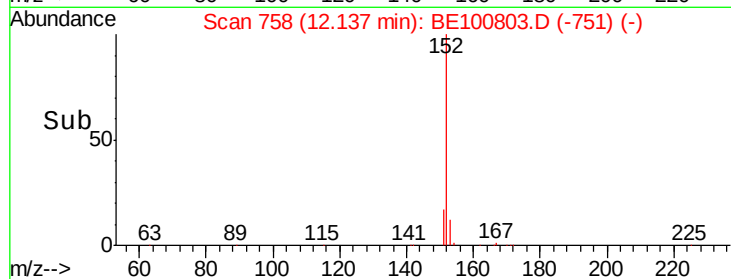
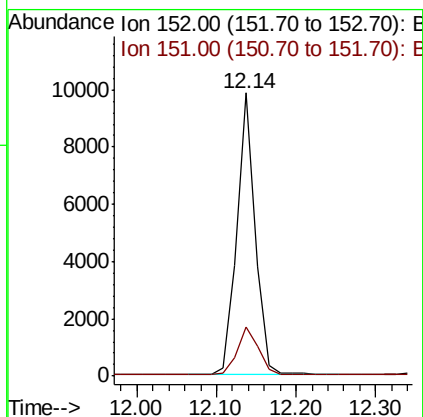
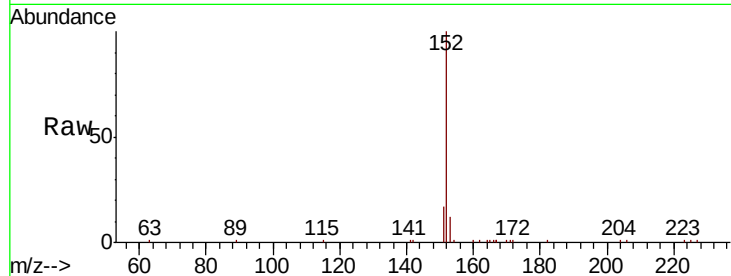




#11
 2-Methylnaphthalene-d10
 Concen: 0.394 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100803.D
 Acq: 6 Dec 2019 12:59

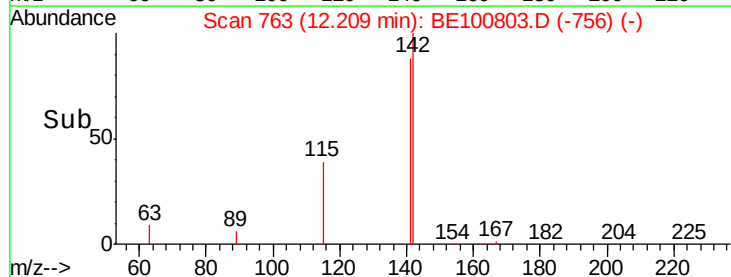
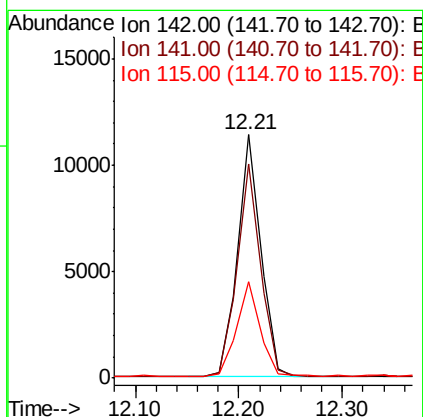
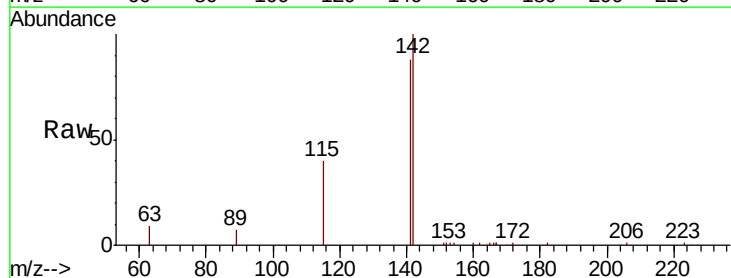
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

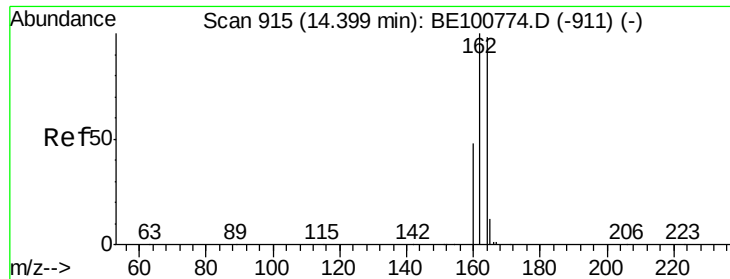
Tot Ion:152 Resp: 15578
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.389 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BE100803.D
 Acq: 6 Dec 2019 12:59

Tgt Ion:142 Resp: 17620
 Ion Ratio Lower Upper
 142 100
 141 88.0 72.6 108.8
 115 39.6 31.8 47.6

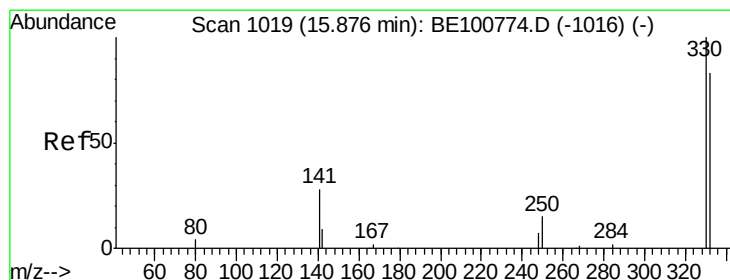
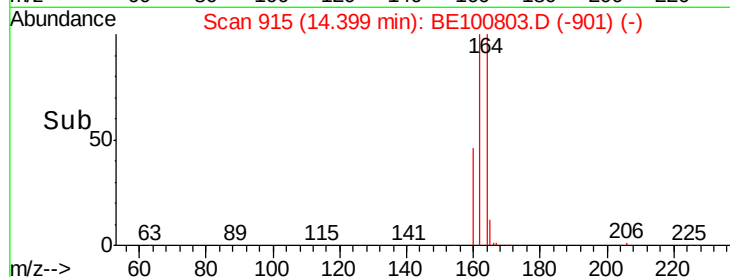
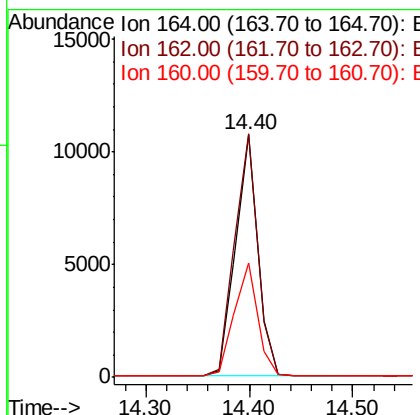
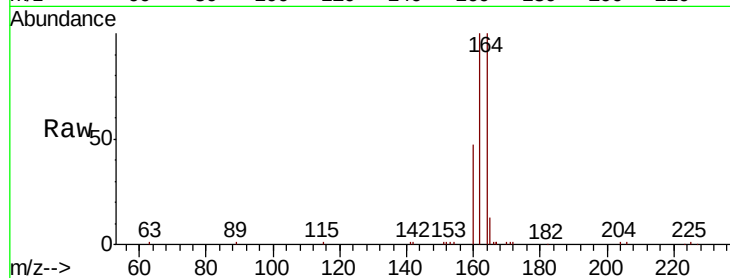




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BE100803.D
 Acq: 6 Dec 2019 12:59

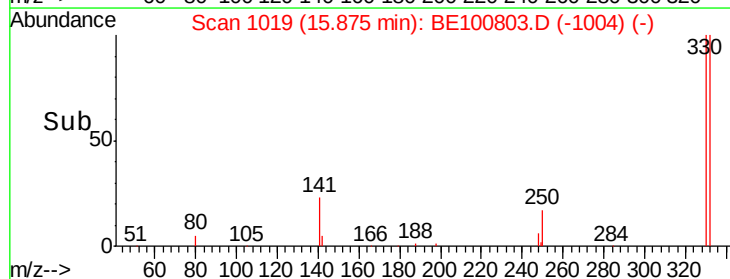
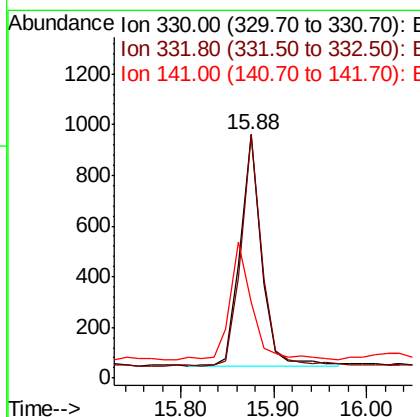
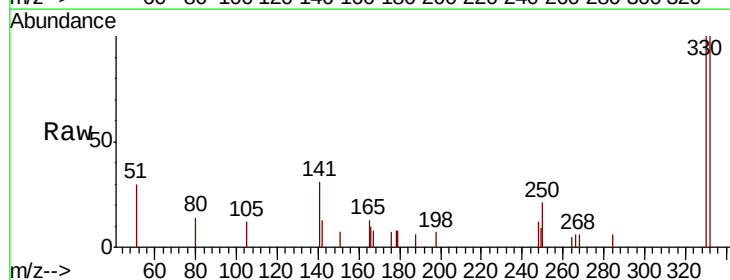
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

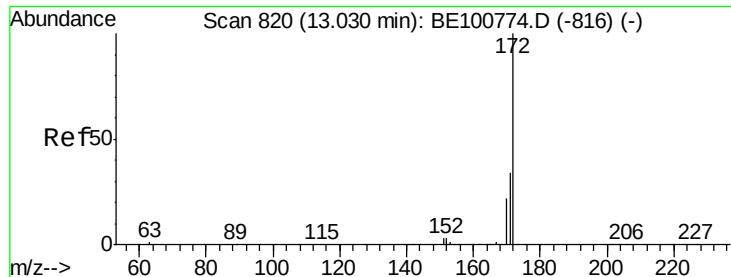
Tot Ion:164 Resp: 15942
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.4 122.0
 160 46.9 39.4 59.0



#14
 2,4,6-Tribromophenol
 Concen: 0.806 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BE100803.D
 Acq: 6 Dec 2019 12:59

Tgt Ion:330 Resp: 1429
 Ion Ratio Lower Upper
 330 100
 332 100.6 69.4 104.2
 141 55.0 51.1 76.7

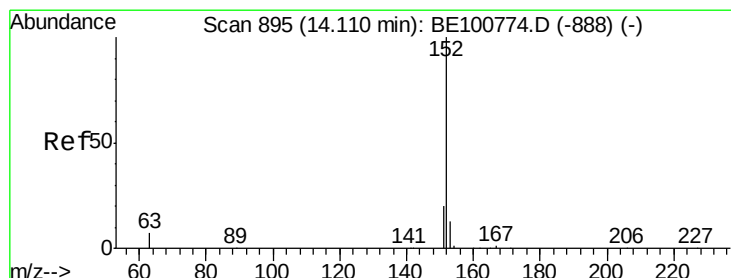
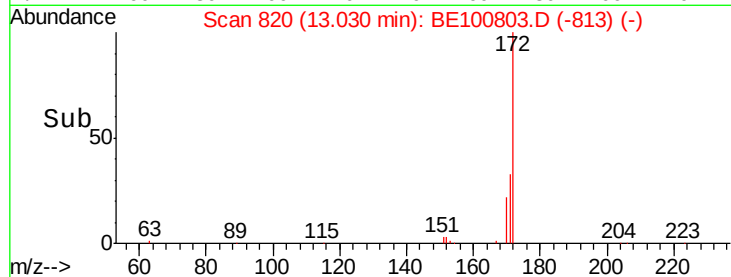
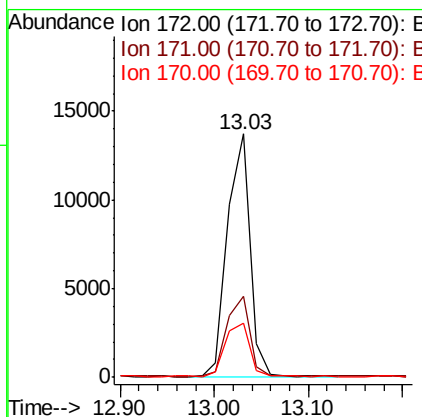
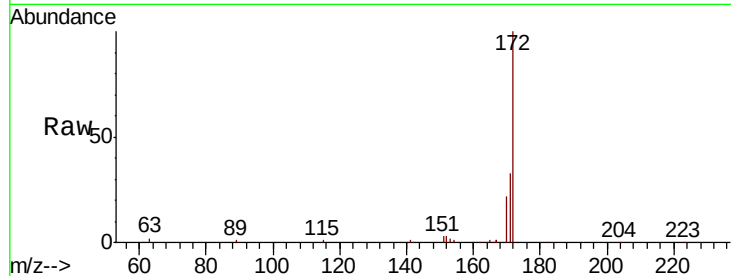




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

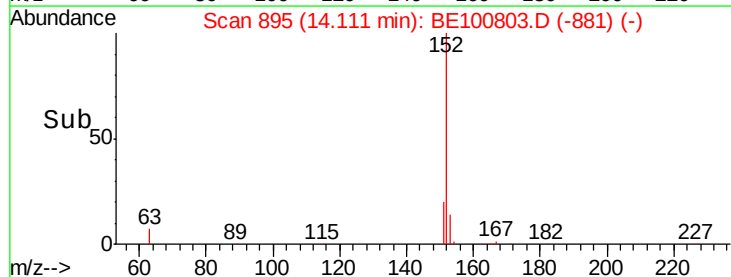
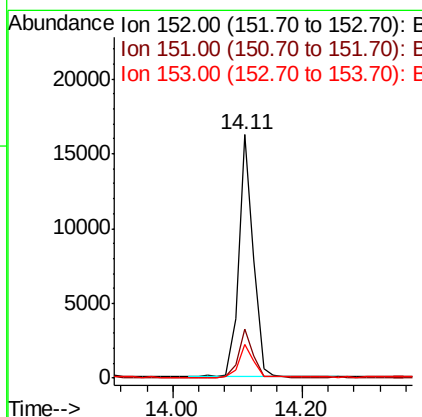
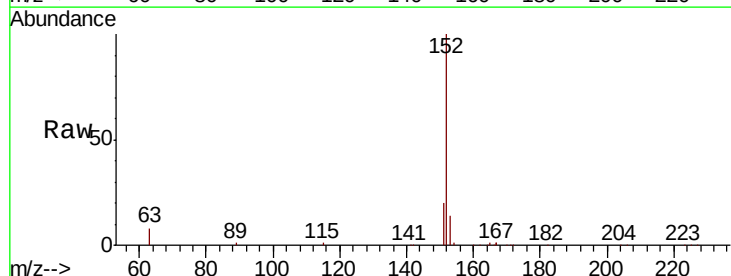
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

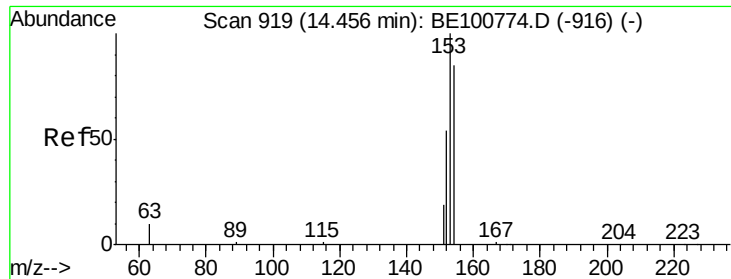
Tot Ion:172 Resp: 22567
Ion Ratio Lower Upper
172 100
171 33.2 27.2 40.8
170 22.3 18.0 27.0



#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

Tgt Ion:152 Resp: 25248
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.5 10.4 15.6

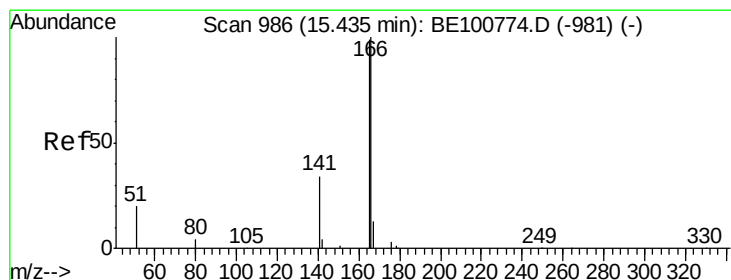
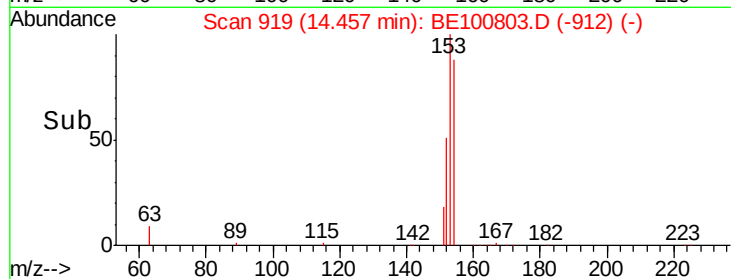
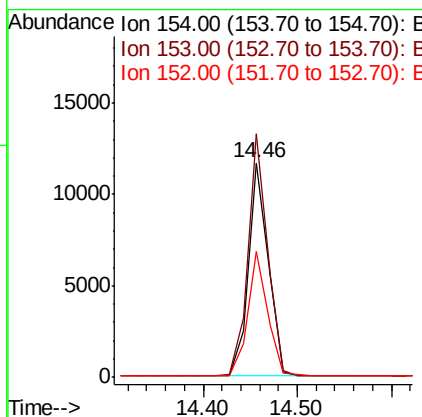
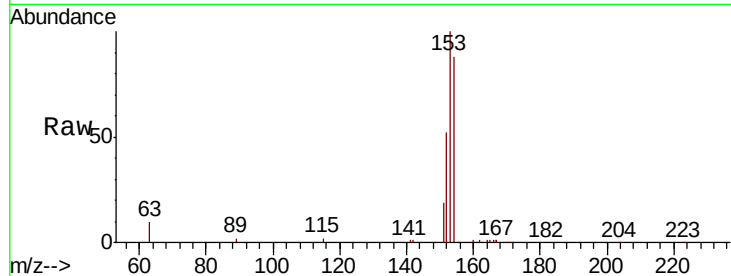




#17
Acenaphthene
Concen: 0.379 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

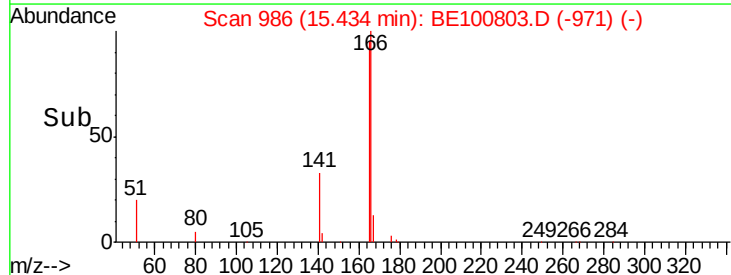
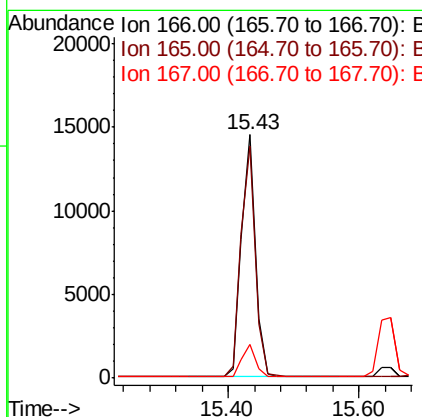
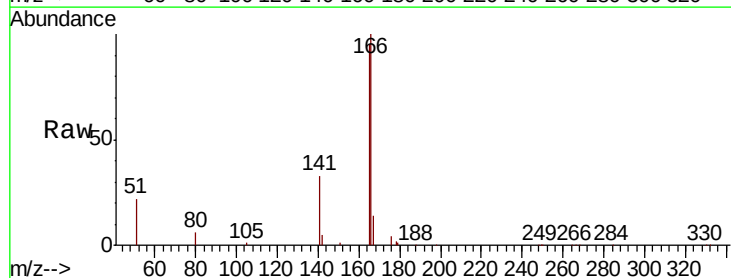
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

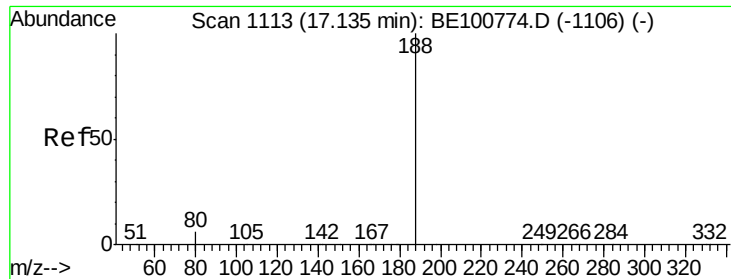
Tot Ion:154 Resp: 17237
Ion Ratio Lower Upper
154 100
153 111.9 92.2 138.2
152 57.9 49.1 73.7



#18
Fluorene
Concen: 0.370 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

Tgt Ion:166 Resp: 21702
Ion Ratio Lower Upper
166 100
165 97.4 80.5 120.7
167 13.4 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

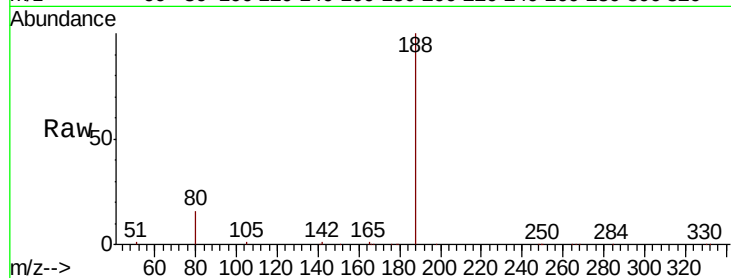
Tot Ion:188 Resp: 34577

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

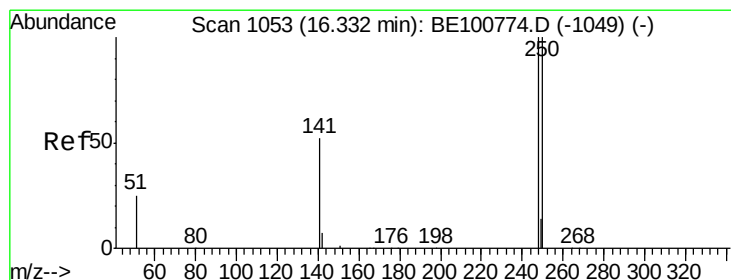
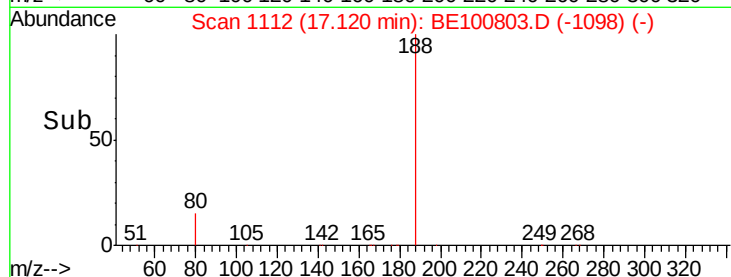
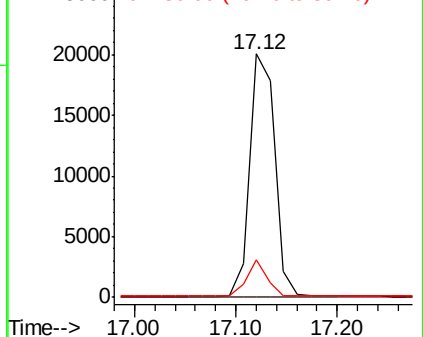
80 15.6 5.2 7.8#



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: 0.371 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

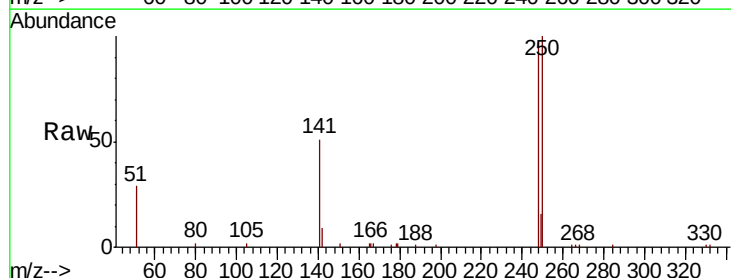
Tgt Ion:248 Resp: 6288

Ion Ratio Lower Upper

248 100

250 103.5 80.5 120.7

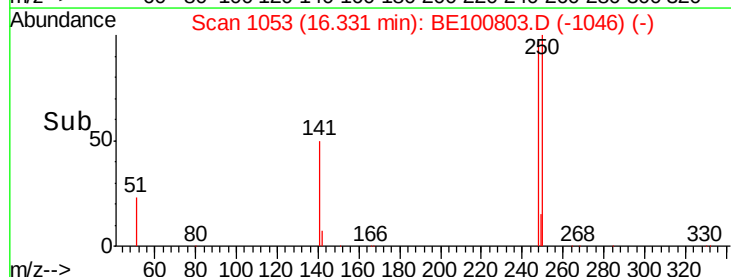
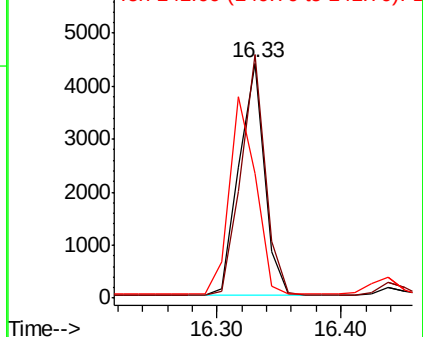
141 52.9 42.6 64.0

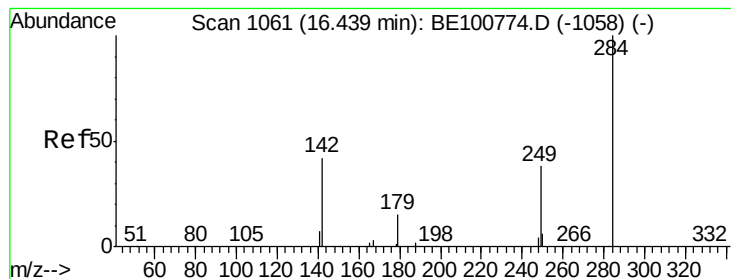


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

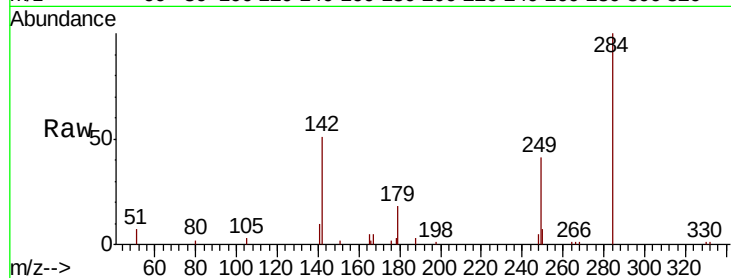
Tot Ion:284 Resp: 6903

Ion Ratio Lower Upper

284 100

142 43.7 34.4 51.6

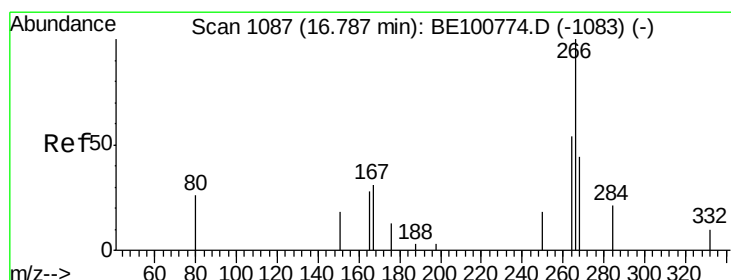
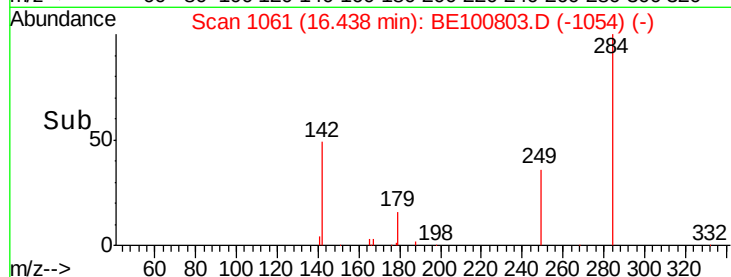
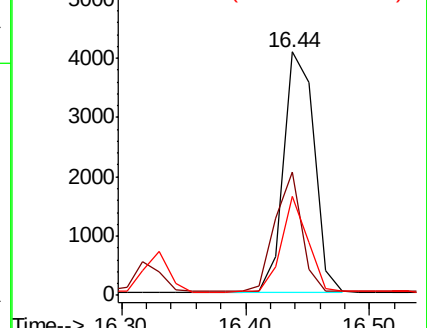
249 34.1 28.5 42.7



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: 0.792 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

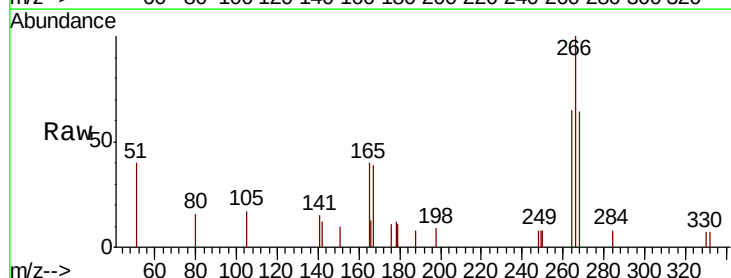
Tgt Ion:266 Resp: 1010

Ion Ratio Lower Upper

266 100

264 65.1 63.4 95.0

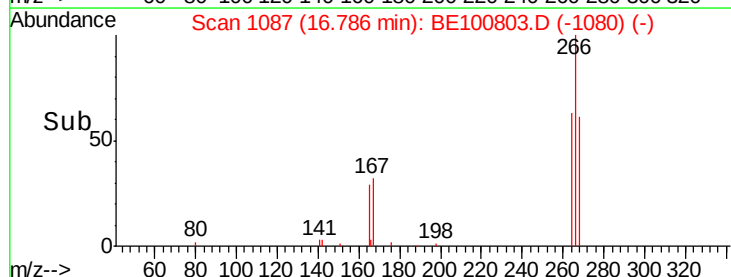
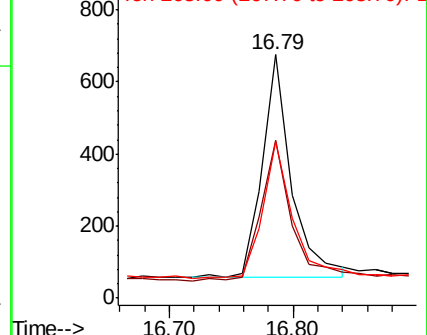
268 64.2 65.8 98.8#

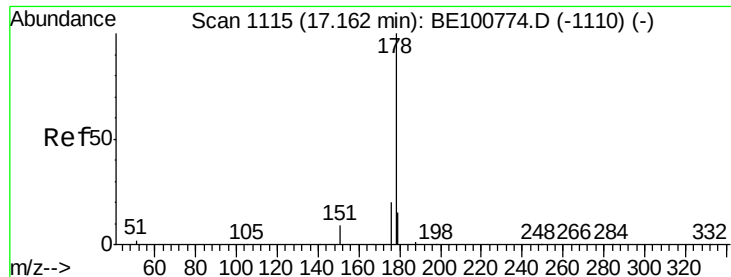


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.363 ng

RT: 17.17 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

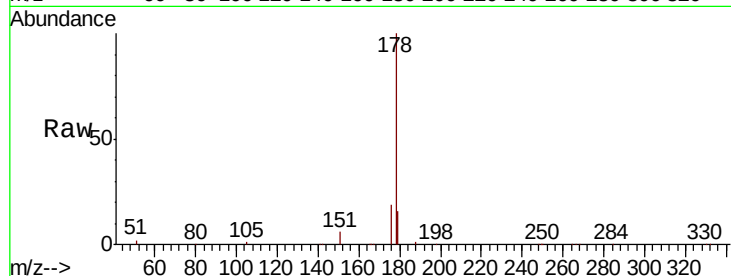
Tot Ion:178 Resp: 38004

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.4 12.3 18.5

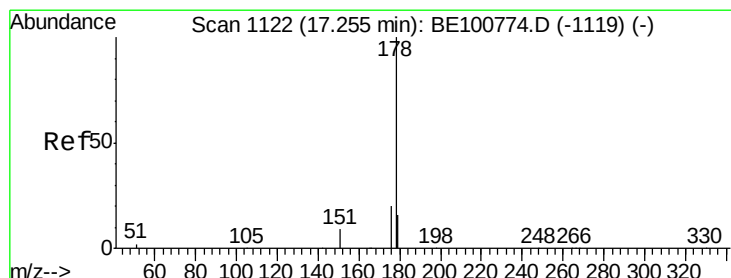
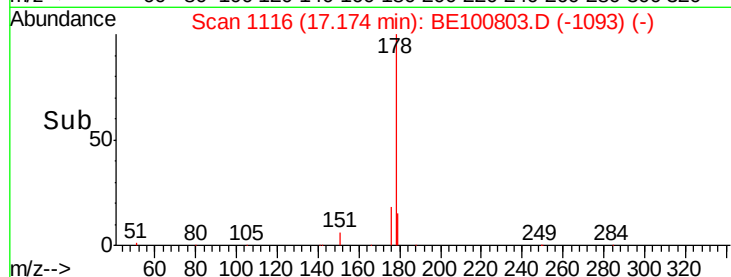
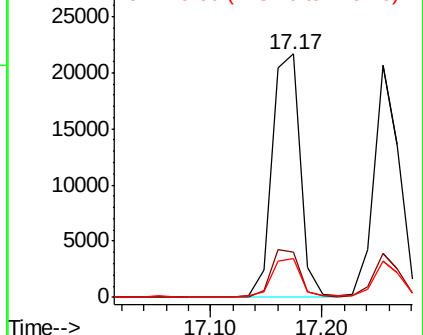


Abundance

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: 0.369 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

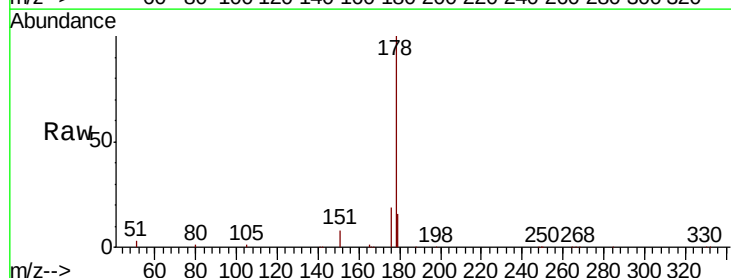
Tgt Ion:178 Resp: 32289

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

179 15.5 12.7 19.1

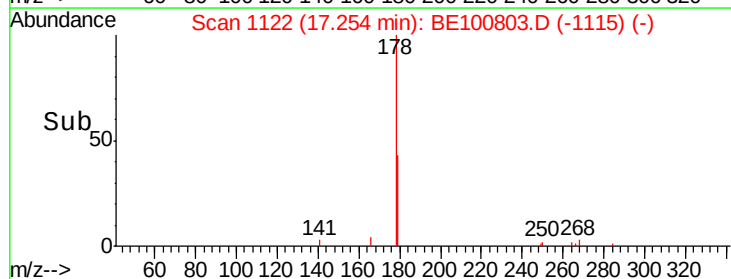
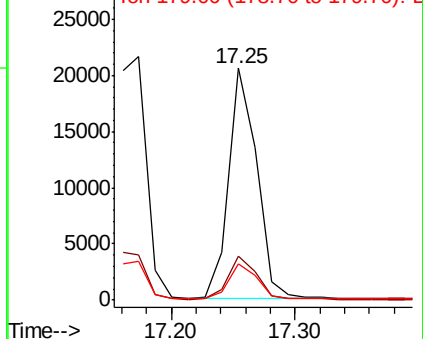


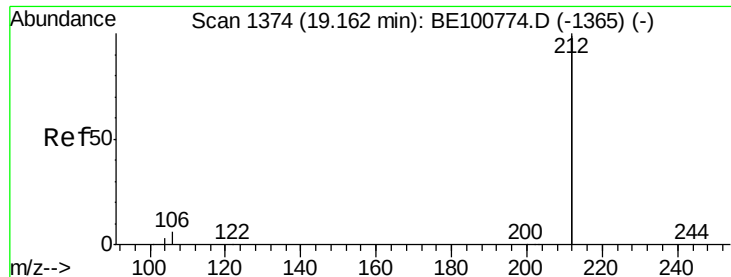
Abundance

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: 0.332 ng

RT: 19.16 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

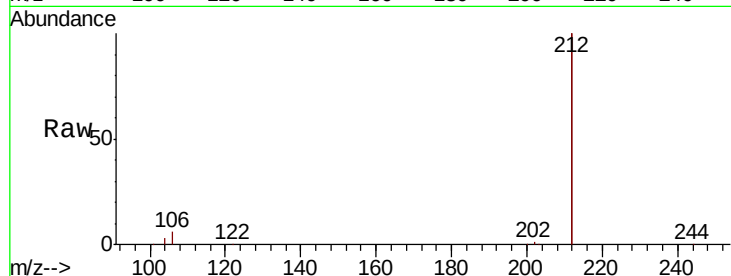
Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

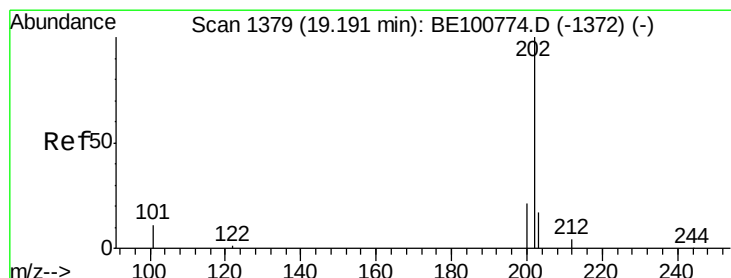
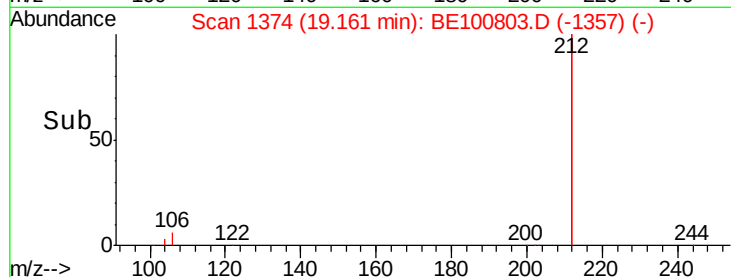
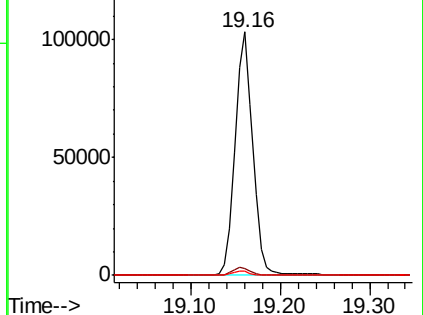
Tot Ion:212	Resp:	135787
Ion Ratio	Lower	Upper
212	100	
106	3.3	2.6 3.8
104	1.8	1.4 2.2



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: 0.327 ng

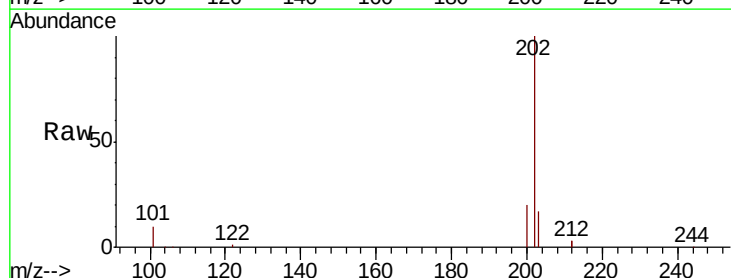
RT: 19.19 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

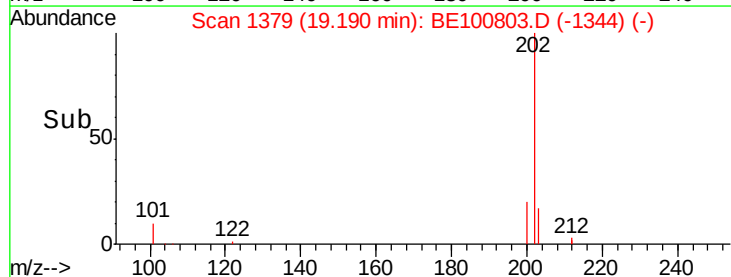
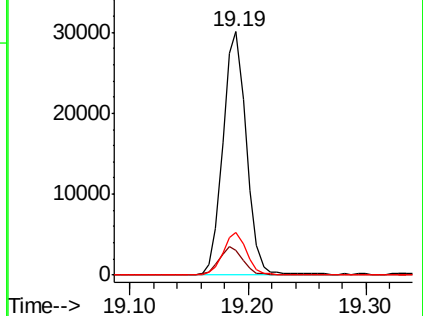
Tgt Ion:202	Resp:	40813
Ion Ratio	Lower	Upper
202	100	
101	11.6	9.1 13.7
203	17.2	13.8 20.6

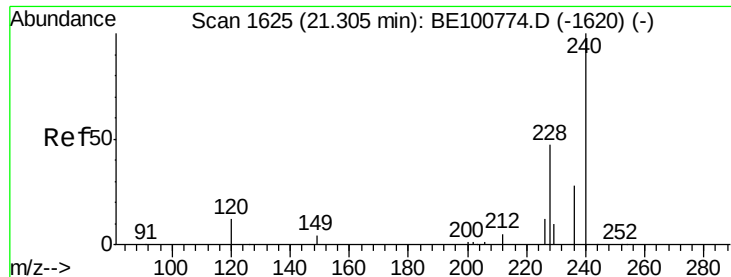


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

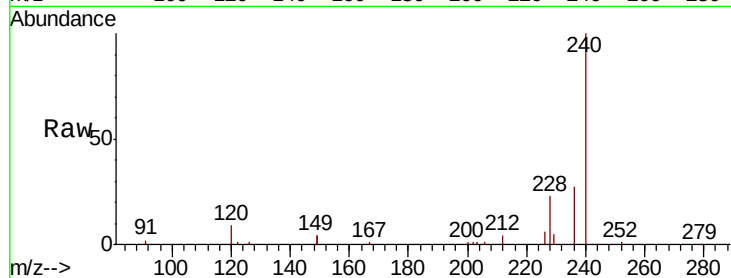




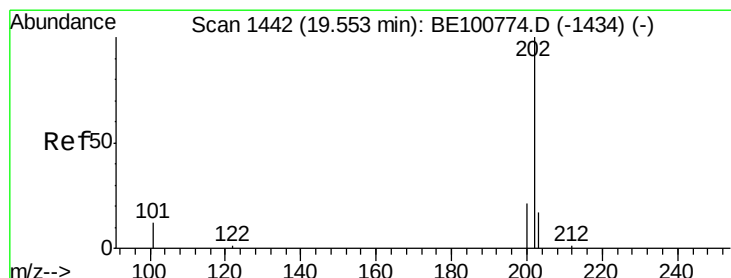
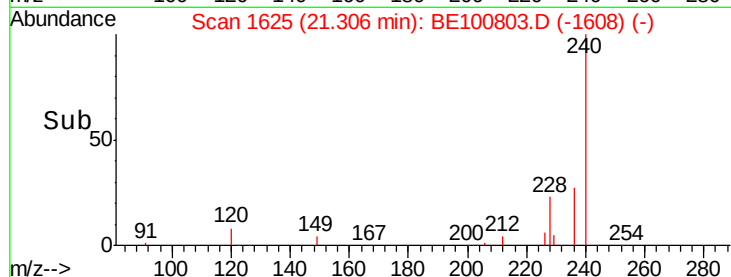
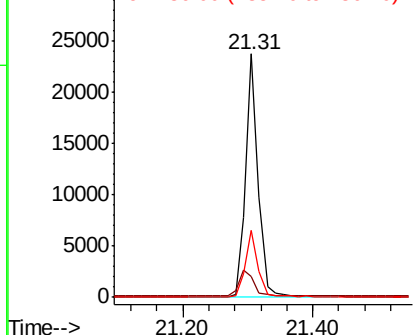
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 31340
Ion Ratio Lower Upper
240 100
120 8.6 10.2 15.2#
236 27.3 22.3 33.5

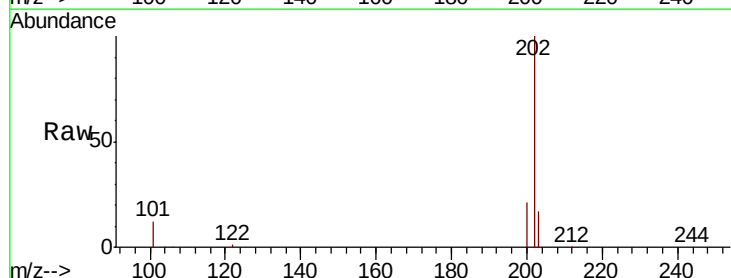


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

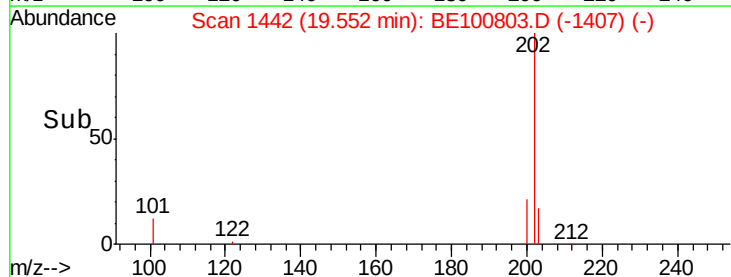
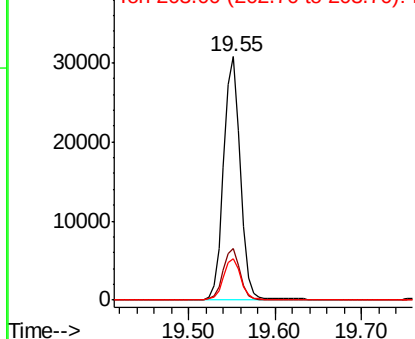


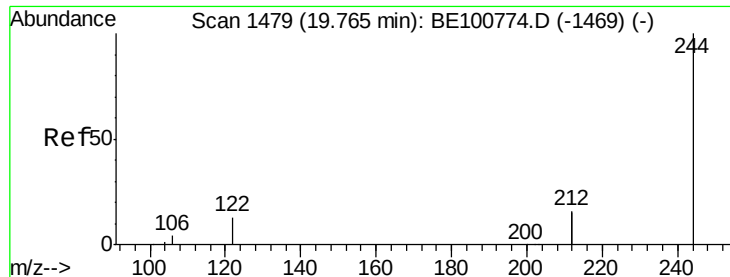
#28
Pyrene
Concen: 0.403 ng
RT: 19.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

Tgt Ion:202 Resp: 40988
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.3 13.9 20.9



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: 0.385 ng

RT: 19.76 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

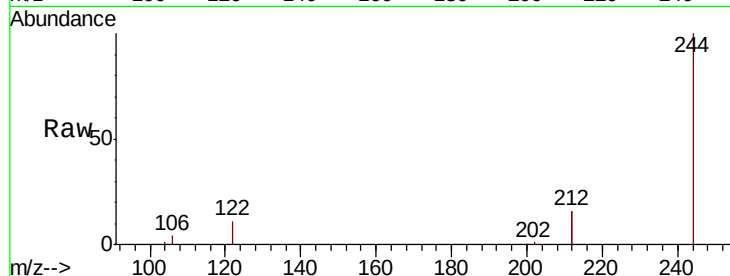
Tot Ion:244 Resp: 28932

Ion Ratio Lower Upper

244 100

212 31.4 26.2 39.4

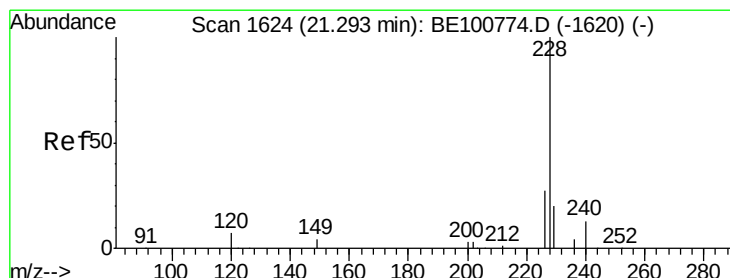
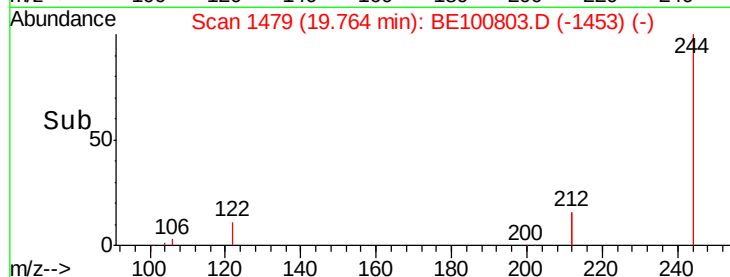
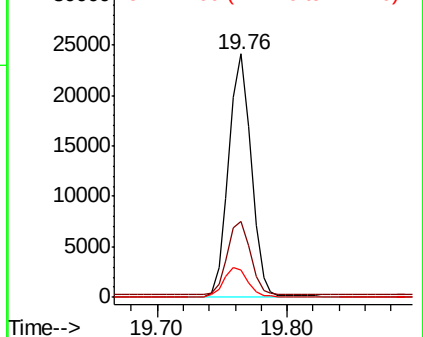
122 11.1 10.2 15.4



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: 0.425 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

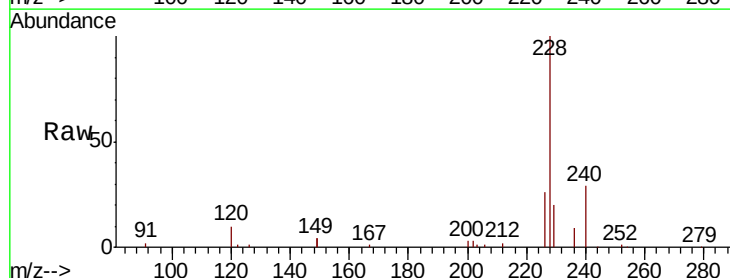
Tgt Ion:228 Resp: 39244

Ion Ratio Lower Upper

228 100

226 26.2 21.5 32.3

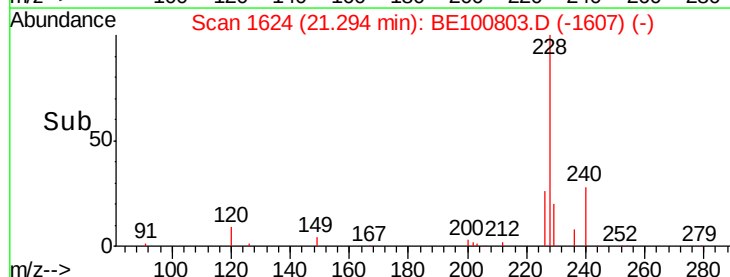
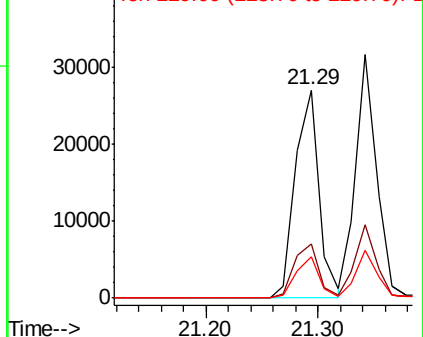
229 20.2 16.0 24.0

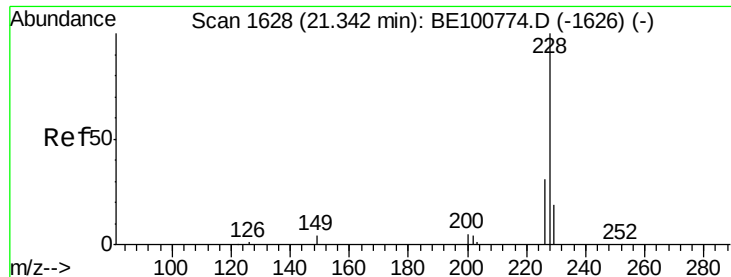


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.376 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

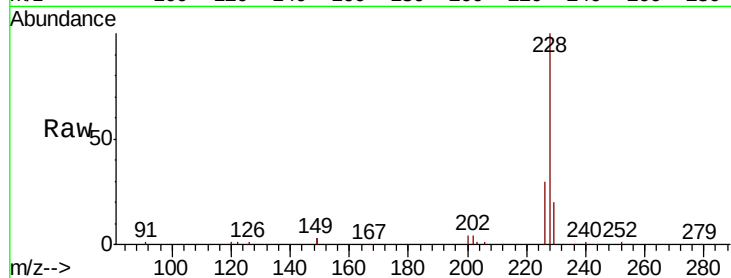
Tot Ion:228 Resp: 40764

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

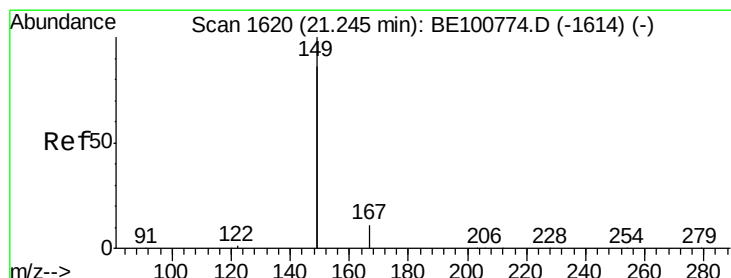
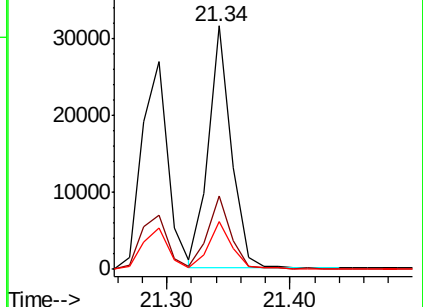
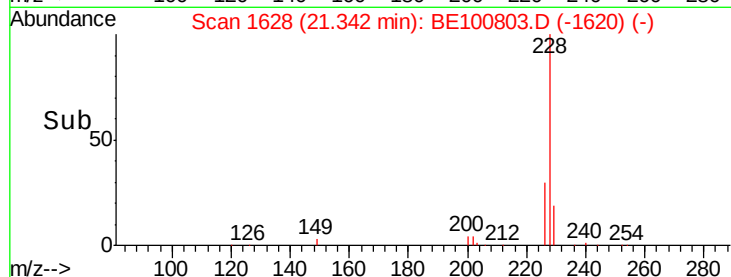
229 19.6 15.4 23.2



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.965 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

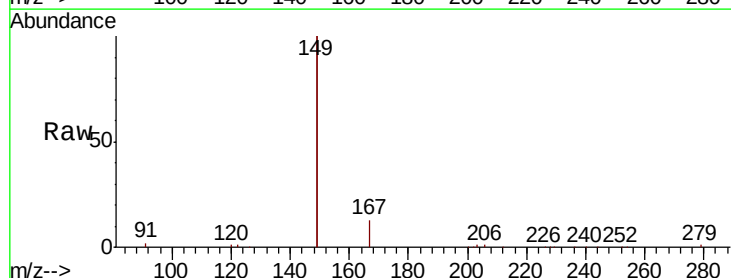
Tgt Ion:149 Resp: 67902

Ion Ratio Lower Upper

149 100

167 6.6 5.0 7.6

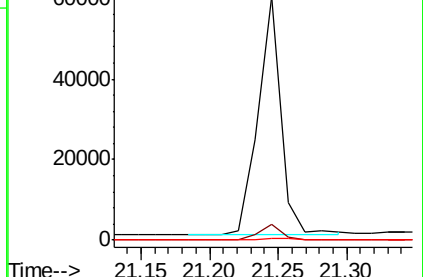
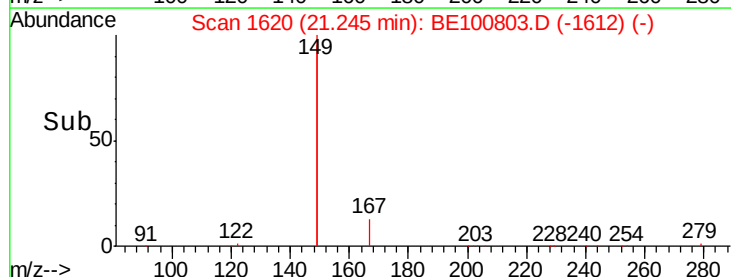
279 0.8 0.7 1.1

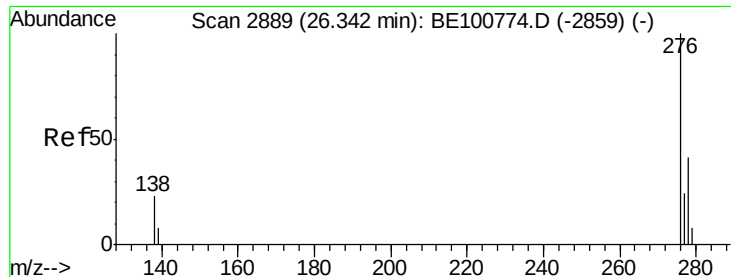


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

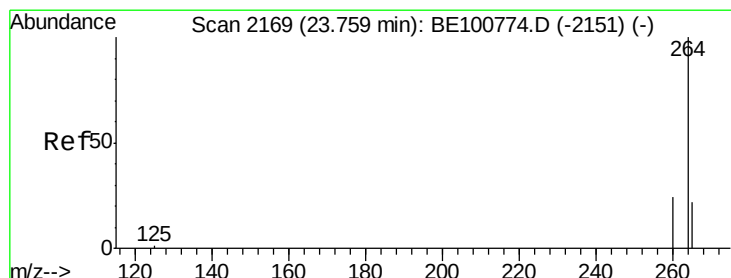
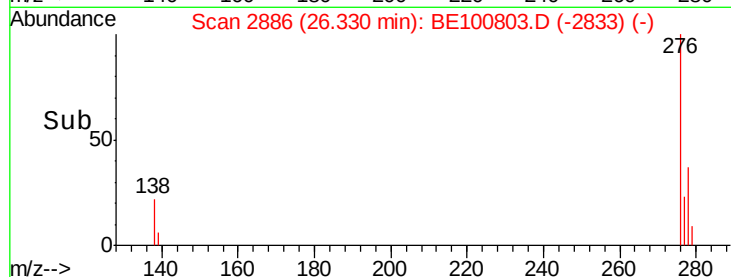
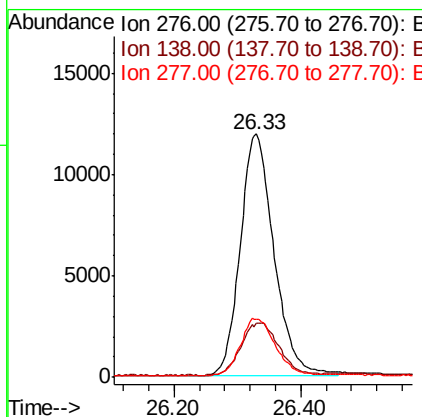
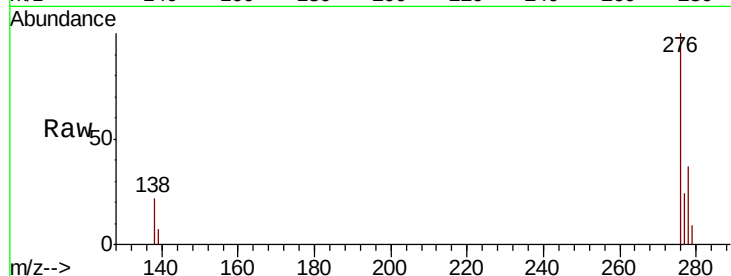




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng
RT: 26.33 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

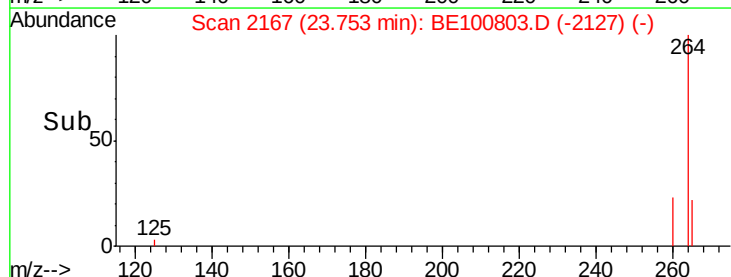
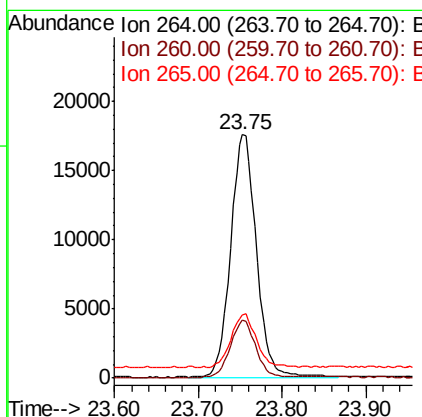
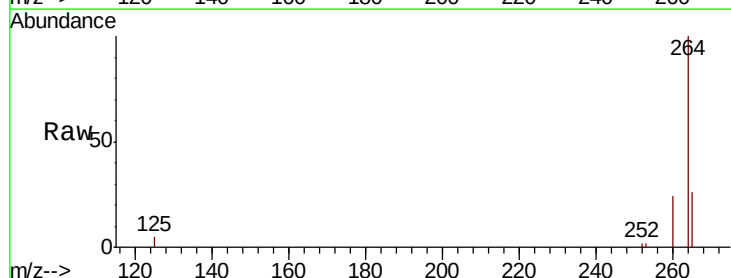
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

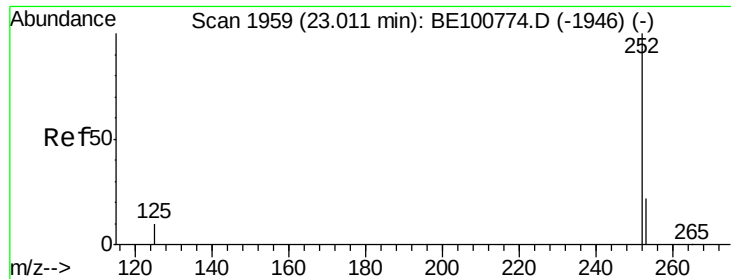
Tot Ion:276 Resp: 44195
Ion Ratio Lower Upper
276 100
138 24.2 19.4 29.0
277 24.5 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BE100803.D
Acq: 6 Dec 2019 12:59

Tgt Ion:264 Resp: 37315
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 26.1 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.386 ng

RT: 23.00 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

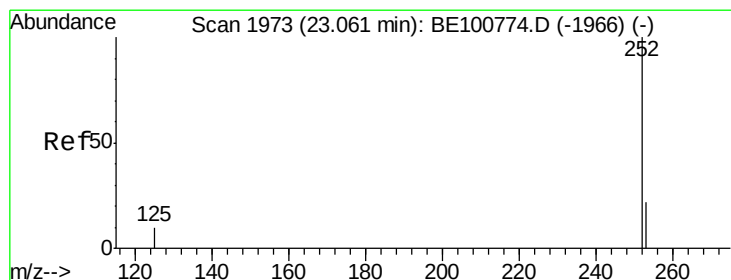
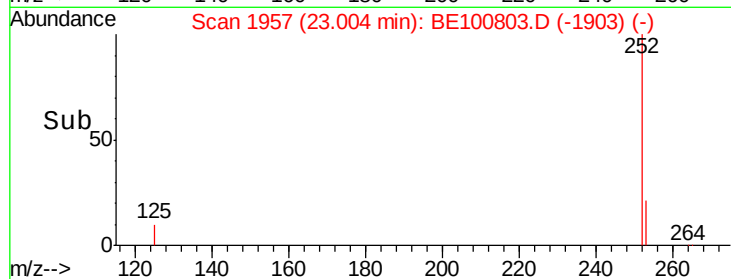
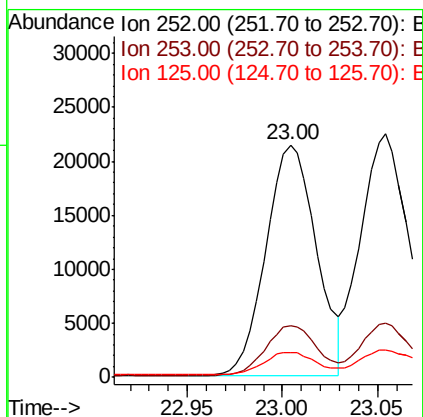
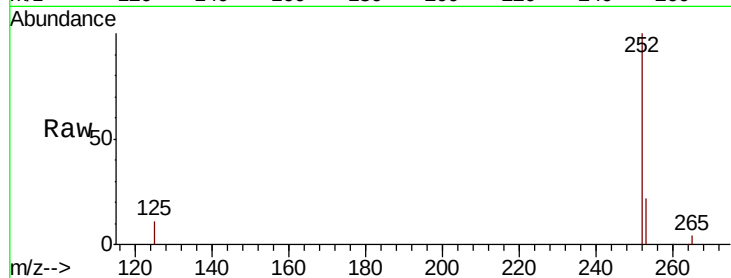
Tot Ion:252 Resp: 39423

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.9 9.0 13.4



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 23.05 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

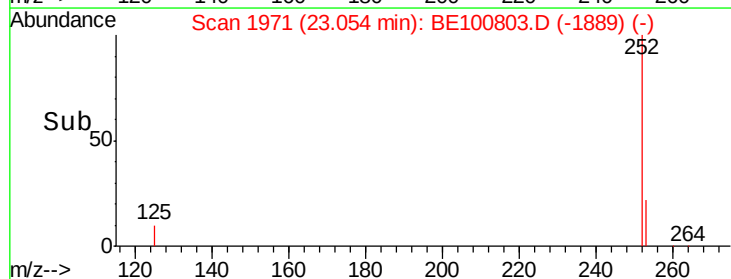
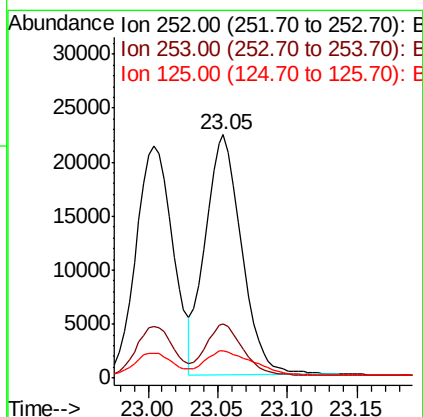
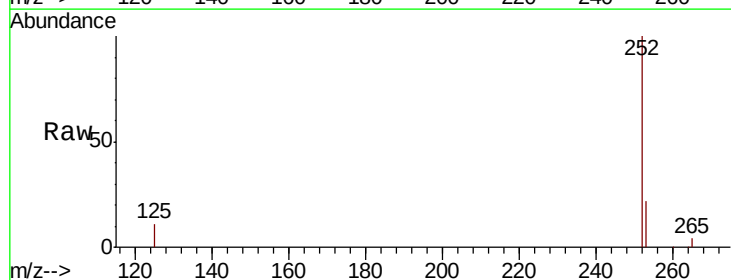
Tgt Ion:252 Resp: 40527

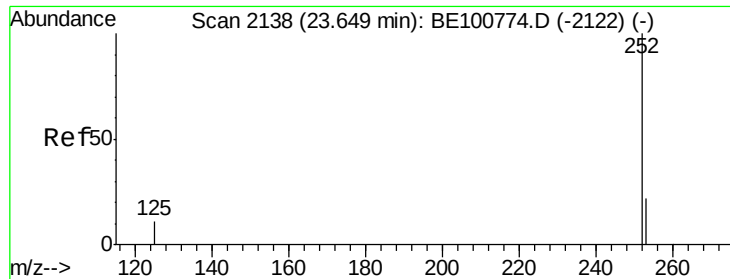
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.3 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.408 ng

RT: 23.64 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

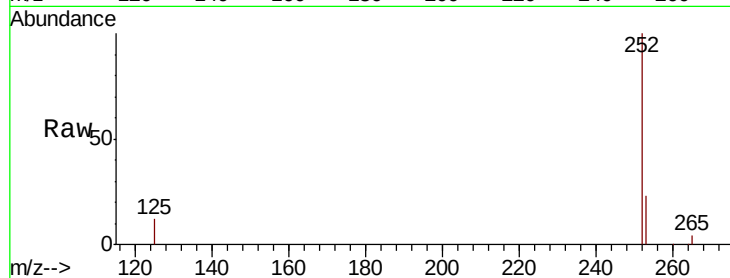
Tot Ion:252 Resp: 36053

Ion Ratio Lower Upper

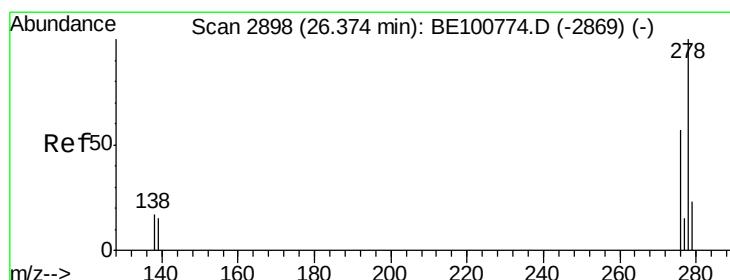
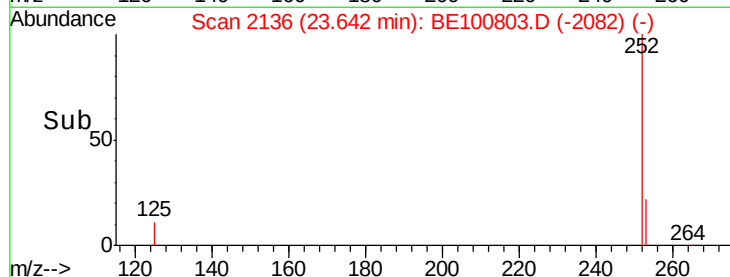
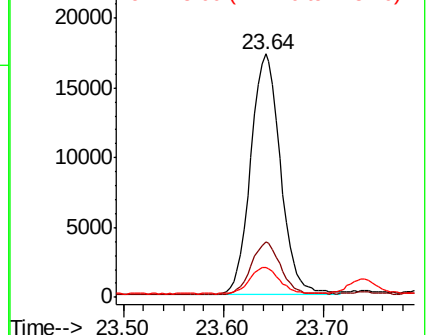
252 100

253 22.6 18.2 27.4

125 12.2 10.4 15.6



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: 0.408 ng

RT: 26.36 min Scan# 2893

Delta R.T. -0.02 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

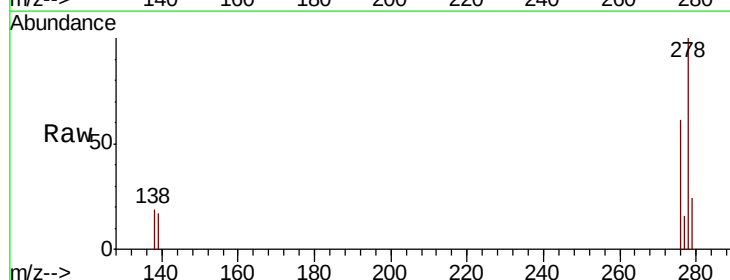
Tgt Ion:278 Resp: 35907

Ion Ratio Lower Upper

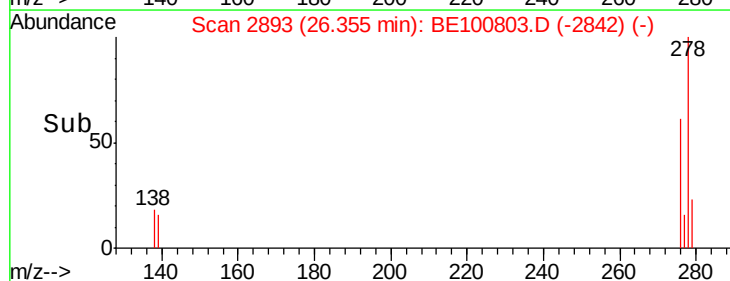
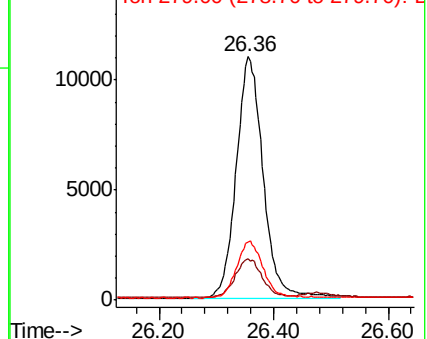
278 100

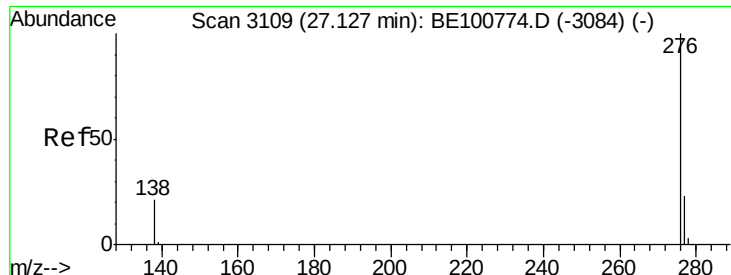
139 16.8 13.0 19.4

279 23.8 19.6 29.4



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: 0.393 ng

RT: 27.12 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BE100803.D

Acq: 6 Dec 2019 12:59

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

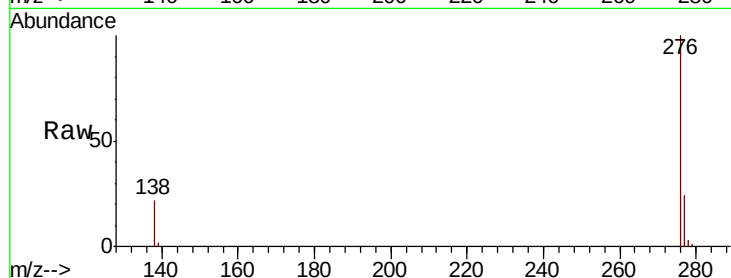
Tot Ion: 276 Resp: 37010

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 22.4 17.8 26.6



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

