

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121119\
 Data File : BE100864.D
 Acq On : 12 Dec 2019 9:10
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 12 10:11:04 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	7.76	152	5161	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	23587	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	13701	0.40	ng	-0.01
19) Phenanthrene-d10	17.12	188	35880	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	28982	0.40	ng	-0.01
34) Perylene-d12	23.74	264	33175	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	5289	0.43	ng	0.00
5) Phenol-d6	6.93	99	8215	0.44	ng	0.00
8) Nitrobenzene-d5	8.90	82	6511	0.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15736	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1073	0.70	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	22693	0.42	ng	-0.01
25) Fluoranthene-d10	19.15	212	159466	0.38	ng	-0.01
29) Terphenyl-d14	19.75	244	32075	0.46	ng	-0.01

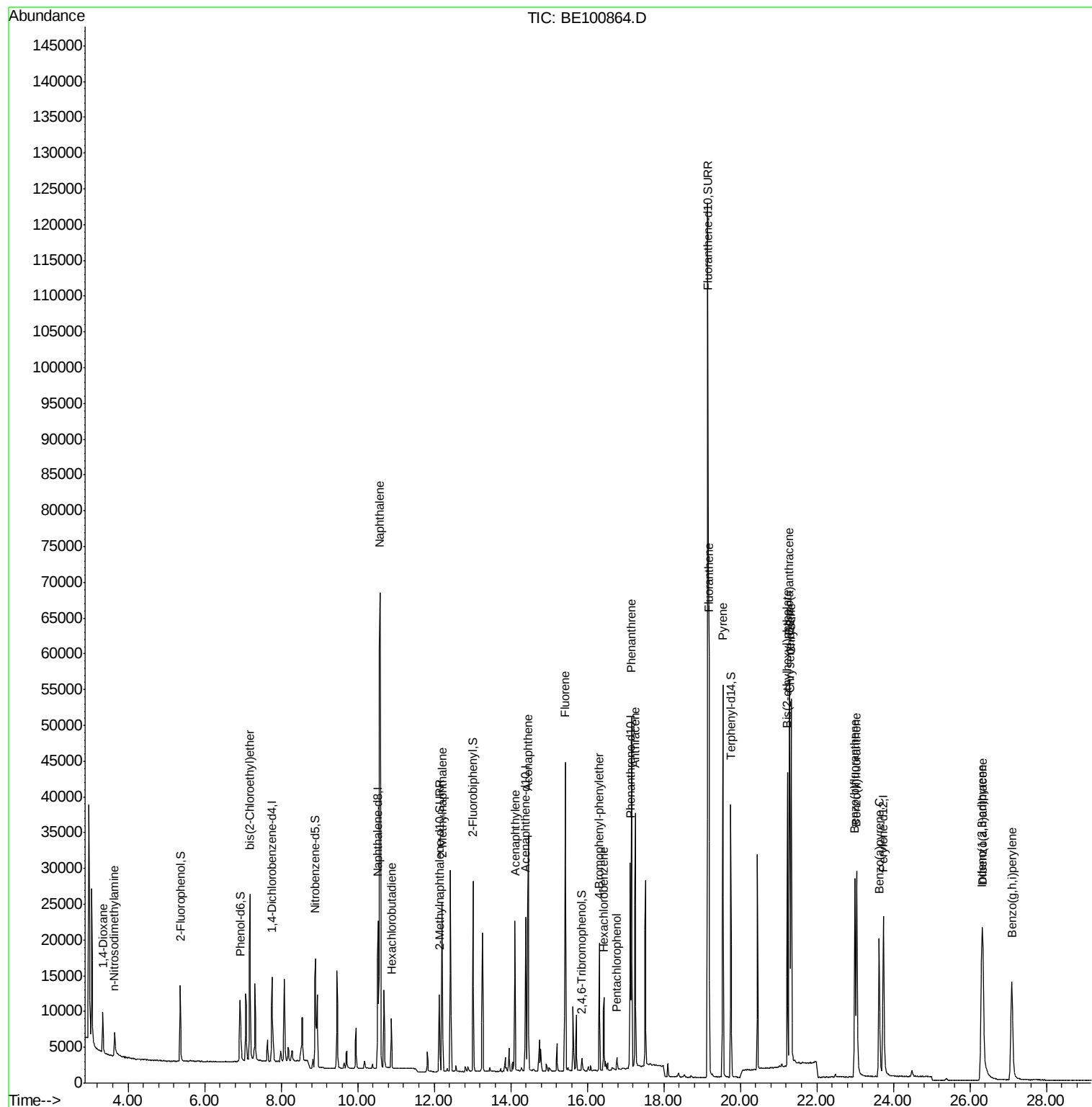
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	4465	0.475	ng	100
3) n-Nitrosodimethylamine	3.64	42	3652	0.477	ng	# 93
6) bis(2-Chloroethyl)ether	7.18	93	8340	0.467	ng	99
9) Naphthalene	10.59	128	114974	0.459	ng	100
10) Hexachlorobutadiene	10.89	225	4450	0.455	ng	98
12) 2-Methylnaphthalene	12.21	142	18127	0.463	ng	96
16) Acenaphthylene	14.11	152	24926	0.440	ng	100
17) Acenaphthene	14.46	154	17626	0.451	ng	100
18) Fluorene	15.42	166	23755	0.472	ng	97
20) 4-Bromophenyl-phenylether	16.32	248	7130	0.405	ng	# 75
21) Hexachlorobenzene	16.44	284	7922	0.414	ng	98
22) Pentachlorophenol	16.77	266	1015	0.767	ng	# 81
23) Phenanthrene	17.16	178	46576	0.429	ng	100
24) Anthracene	17.25	178	39508	0.435	ng	98
26) Fluoranthene	19.18	202	49757	0.384	ng	99
28) Pyrene	19.54	202	48045	0.510	ng	100
30) Benzo(a)anthracene	21.28	228	39728	0.465	ng	99
31) Chrysene	21.33	228	47406	0.472	ng	99
32) Bis(2-ethylhexyl)phthalate	21.23	149	43209	0.703	ng	100
33) Indeno(1,2,3-cd)pyrene	26.31	276	40648	0.465	ng	99
35) Benzo(b)fluoranthene	23.00	252	37934	0.418	ng	99
36) Benzo(k)fluoranthene	23.04	252	45551	0.447	ng	99
37) Benzo(a)pyrene	23.63	252	32394	0.412	ng	98
38) Dibenzo(a,h)anthracene	26.34	278	33322	0.426	ng	99
39) Benzo(g,h,i)perylene	27.10	276	35754	0.427	ng	98

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

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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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

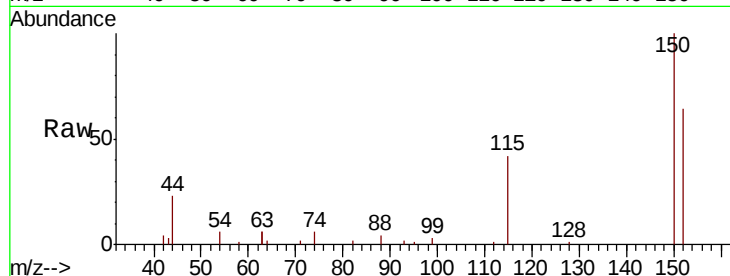
Tot Ion:152 Resp: 5161

Ion Ratio Lower Upper

152 100

150 157.1 120.6 181.0

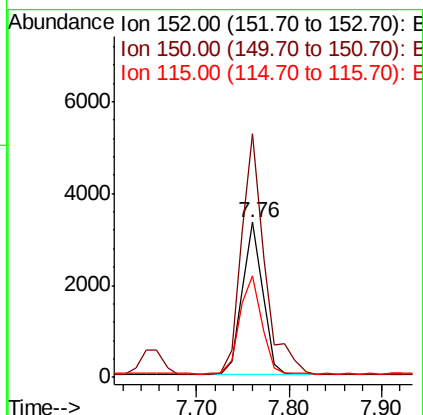
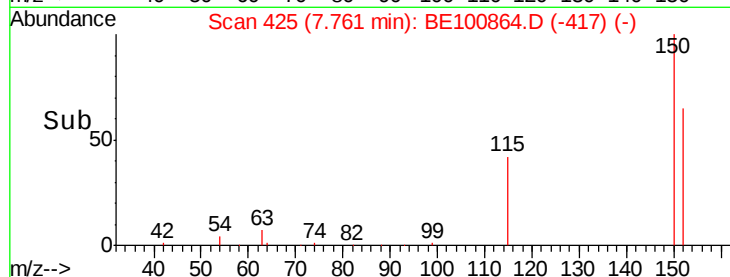
115 65.6 47.4 71.2



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: 0.475 ng

RT: 3.34 min Scan# 41

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

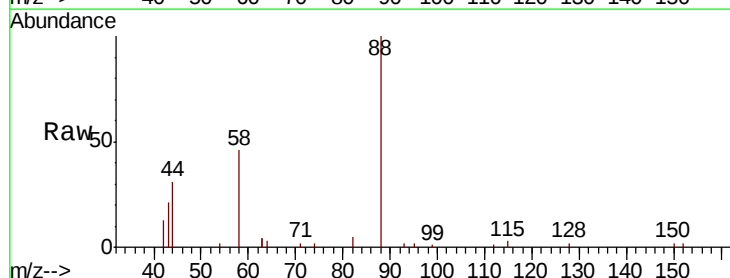
Tgt Ion: 88 Resp: 4465

Ion Ratio Lower Upper

88 100

58 65.4 52.5 78.7

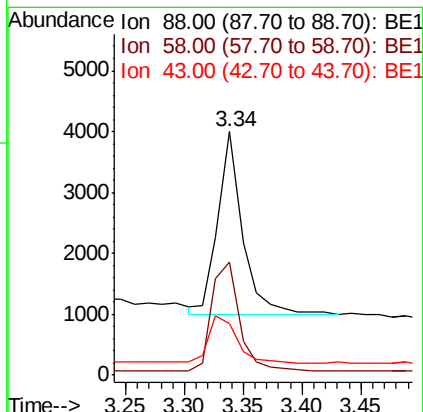
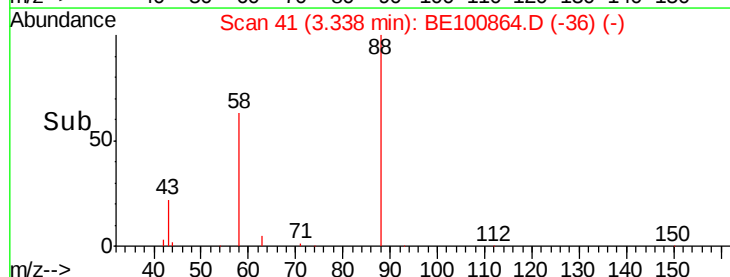
43 29.1 23.0 34.6



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: 0.477 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

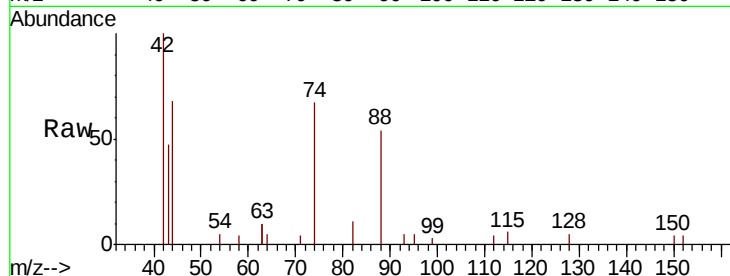
Tot Ion: 42 Resp: 3652

Ion Ratio Lower Upper

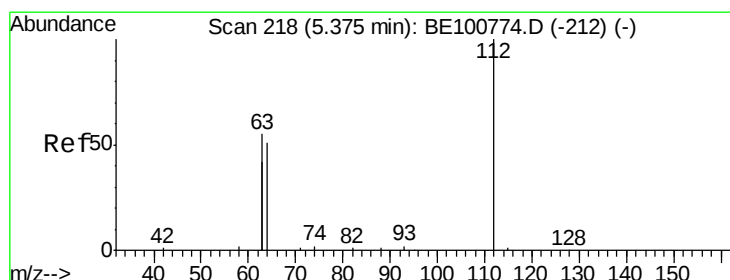
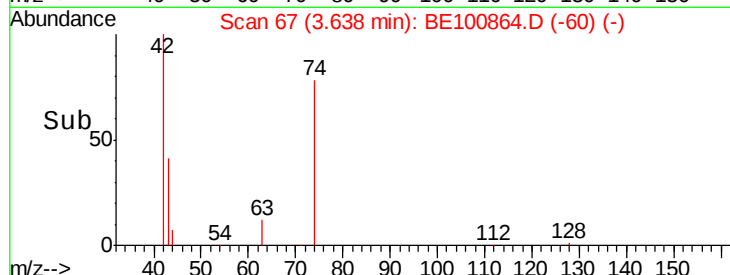
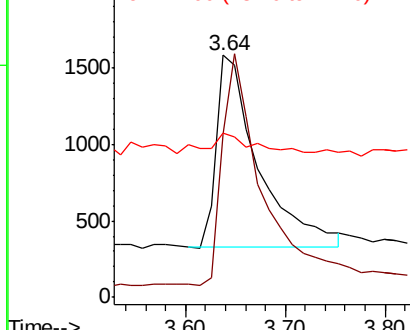
42 100

74 115.2 86.3 129.5

44 11.1 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: 0.432 ng

RT: 5.37 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

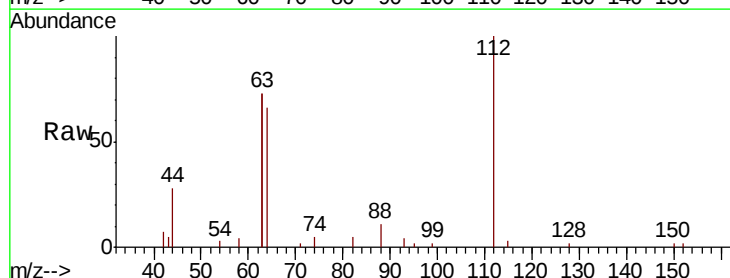
Tgt Ion: 112 Resp: 5289

Ion Ratio Lower Upper

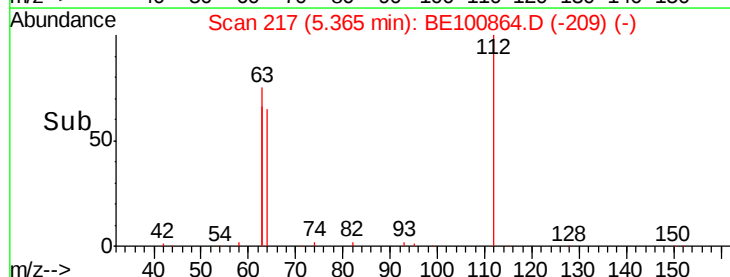
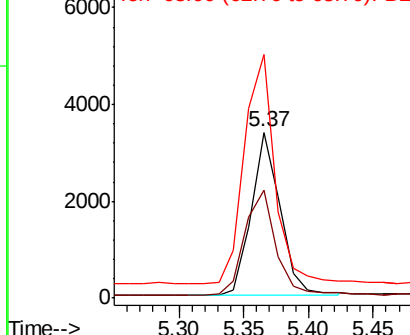
112 100

64 68.0 54.1 81.1

63 146.6 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.444 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

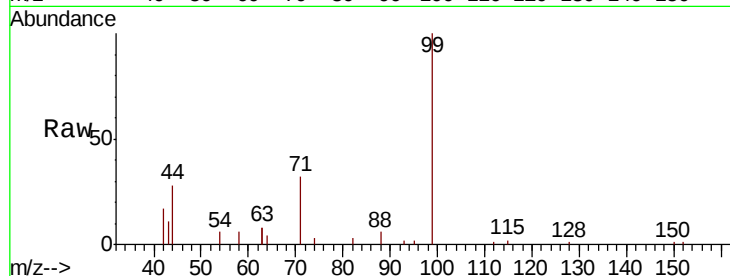
Tot Ion: 99 Resp: 8215

Ion Ratio Lower Upper

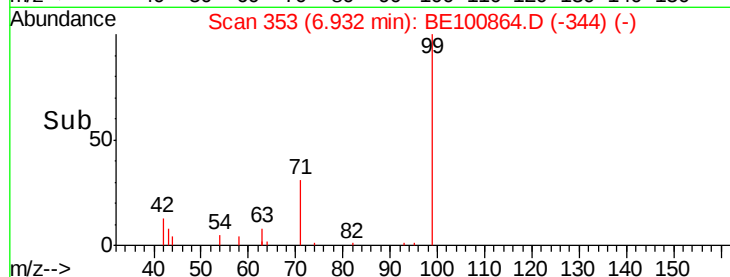
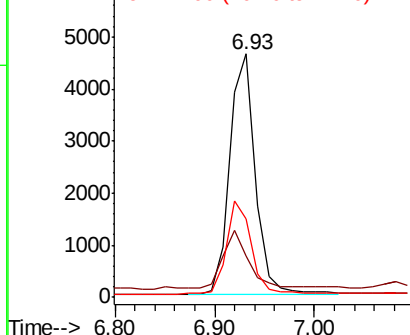
99 100

42 25.7 19.1 28.7

71 38.3 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: 0.467 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

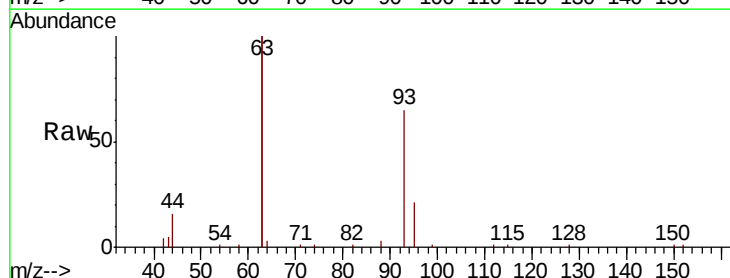
Tgt Ion: 93 Resp: 8340

Ion Ratio Lower Upper

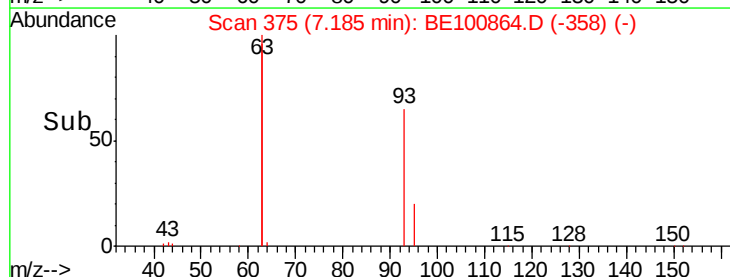
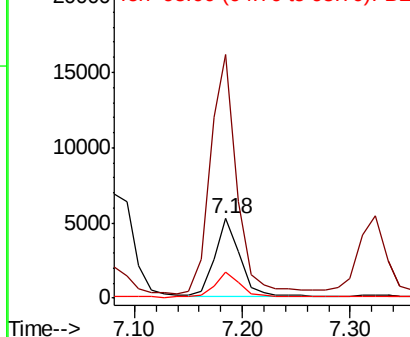
93 100

63 321.4 259.4 389.0

95 32.3 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: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 23587

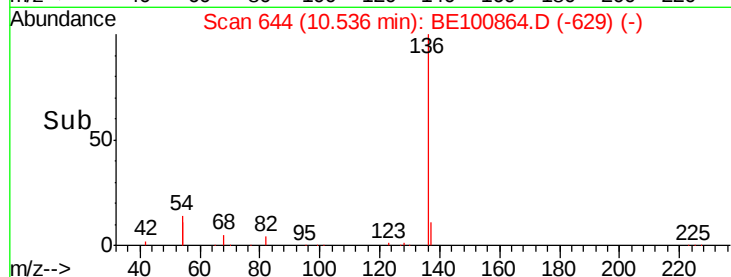
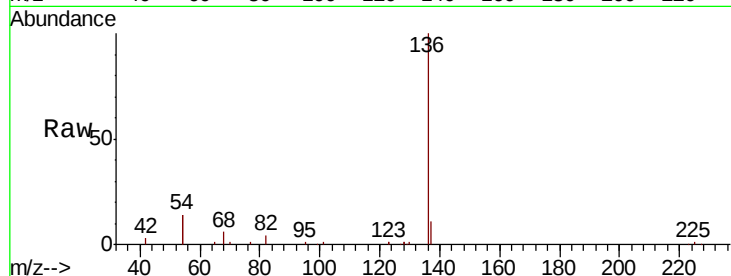
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 27.3 31.1 46.7#

68 6.0 6.6 10.0#

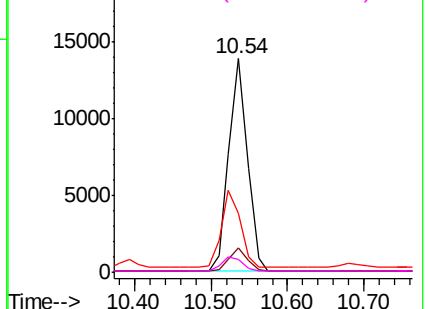


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.580 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

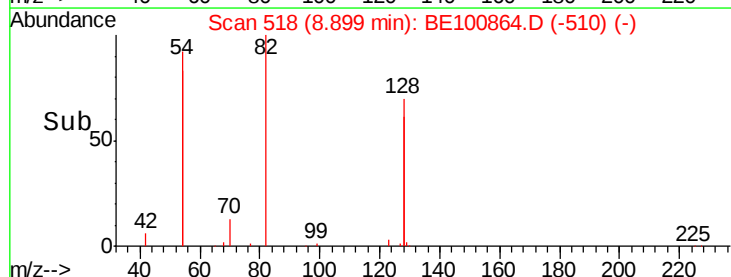
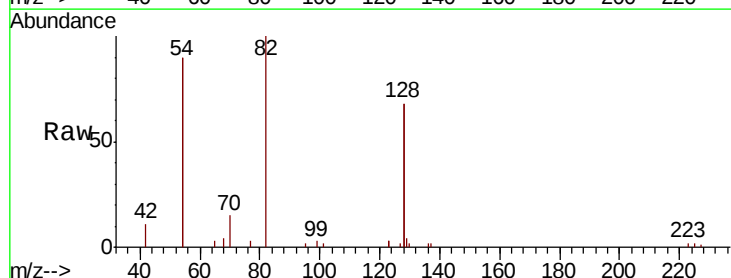
Tgt Ion: 82 Resp: 6511

Ion Ratio Lower Upper

82 100

128 135.6 97.0 145.4

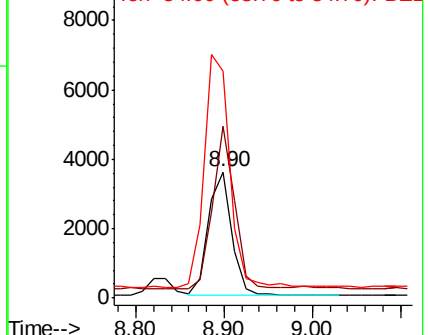
54 179.6 171.8 257.6

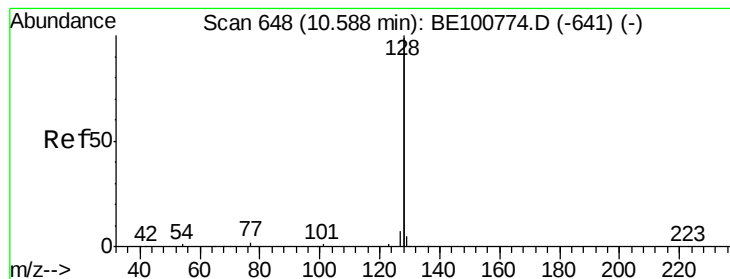


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.459 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

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SSTDCCC0.4EC

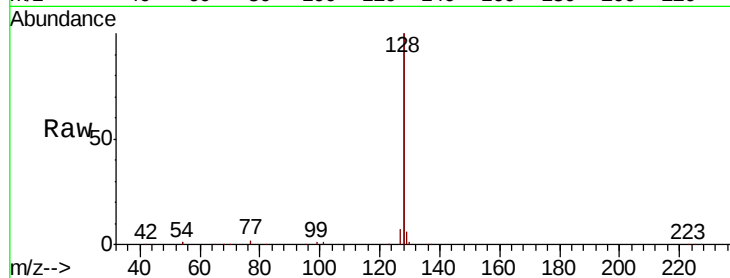
Tot Ion:128 Resp: 114974

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

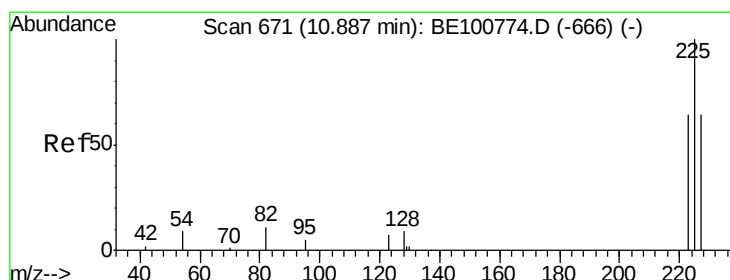
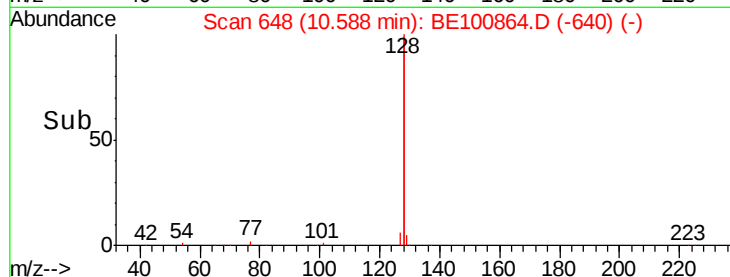
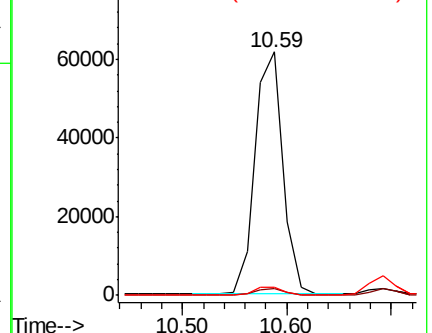
127 3.3 2.7 4.1



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: 0.455 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

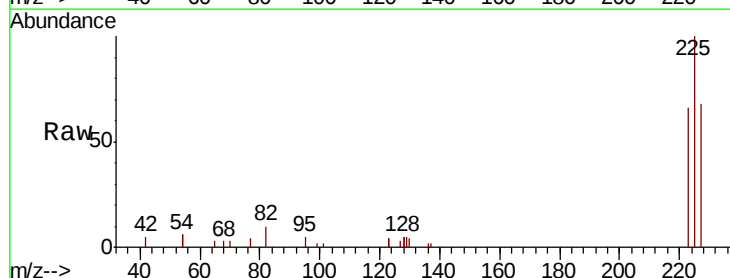
Tgt Ion:225 Resp: 4450

Ion Ratio Lower Upper

225 100

223 64.4 49.9 74.9

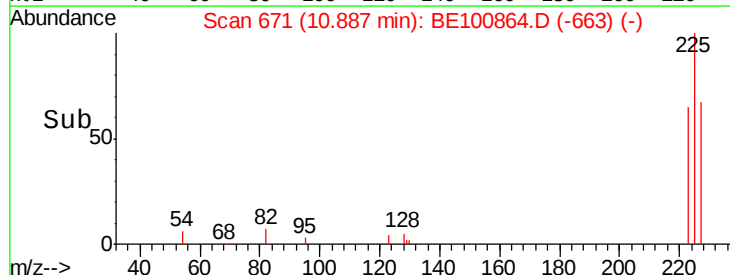
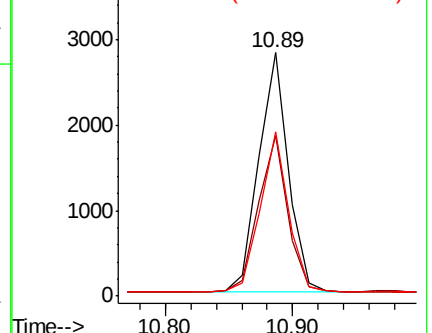
227 64.6 52.2 78.4



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: 0.460 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

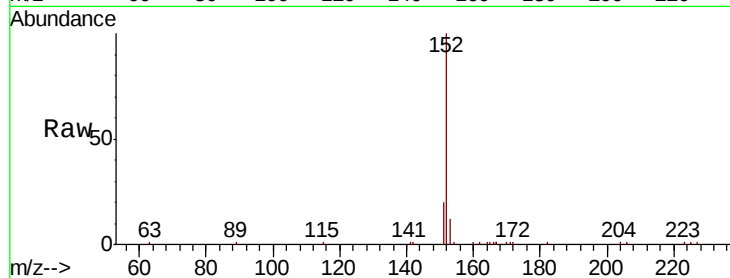
SSTDCCC0.4EC

Tot Ion:152 Resp: 15736

Ion Ratio Lower Upper

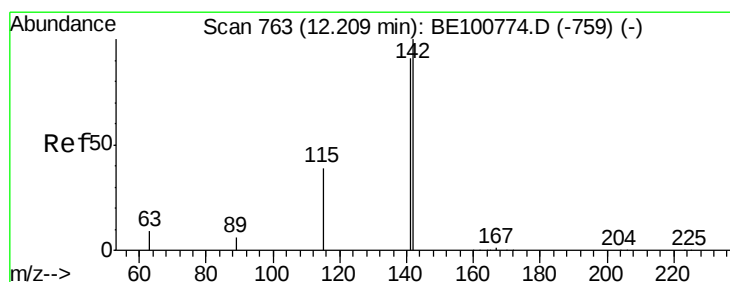
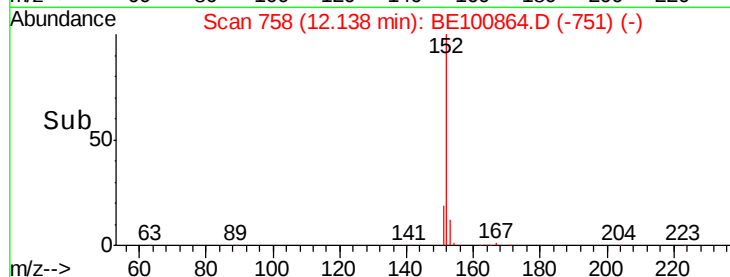
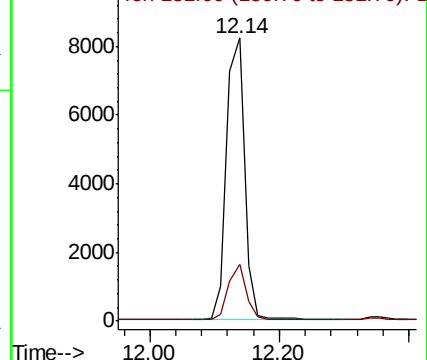
152 100

151 19.3 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.463 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

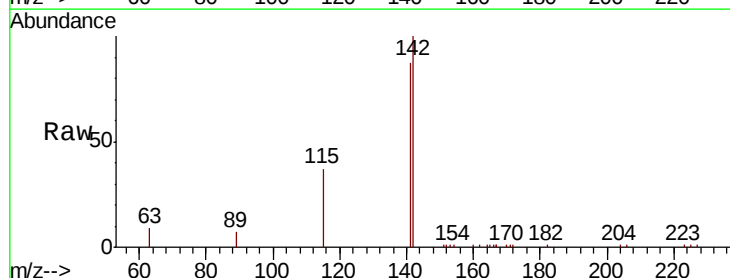
Tgt Ion:142 Resp: 18127

Ion Ratio Lower Upper

142 100

141 87.2 72.6 108.8

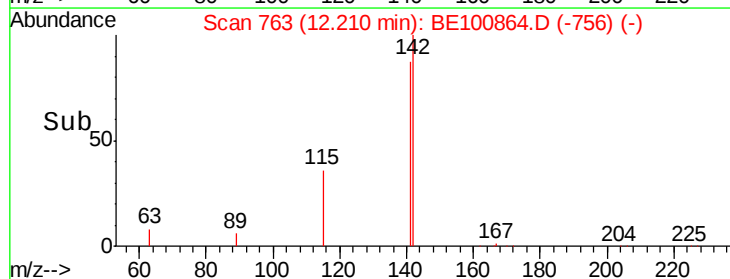
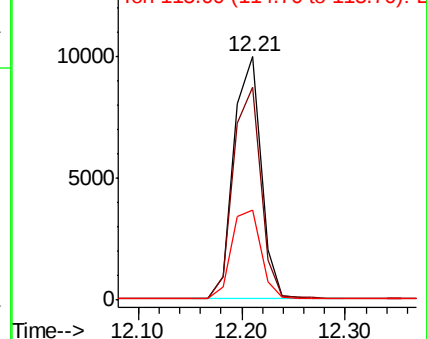
115 37.0 31.8 47.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

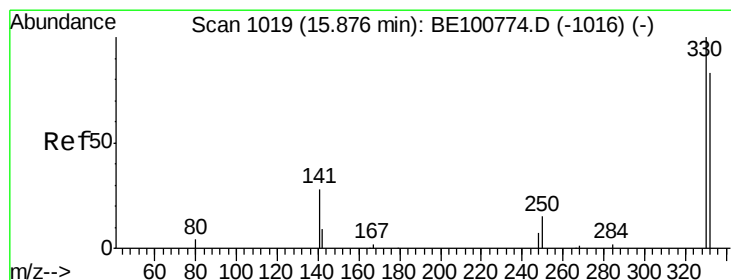
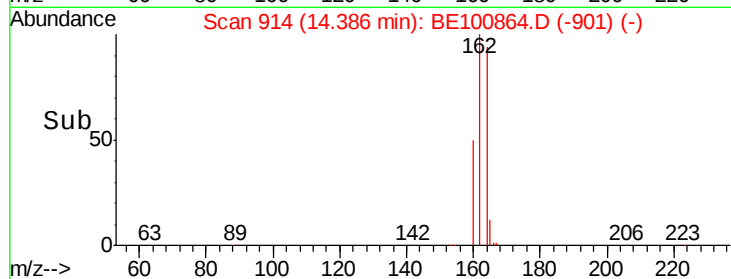
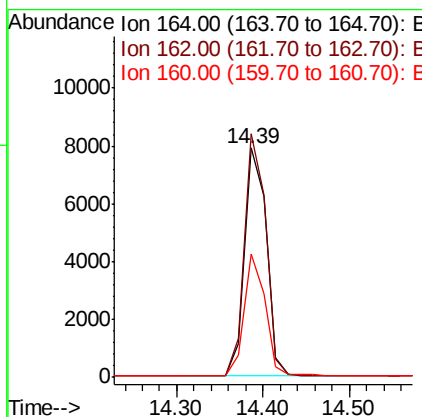
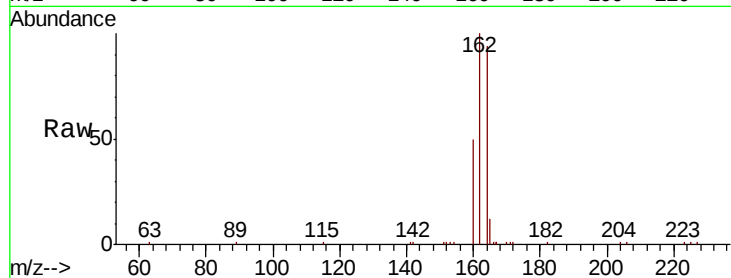




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BE100864.D
 Acq: 12 Dec 2019 9:10

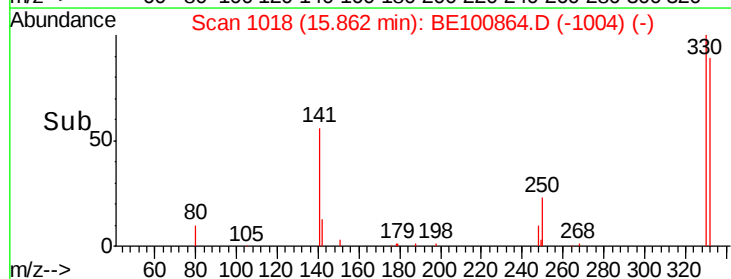
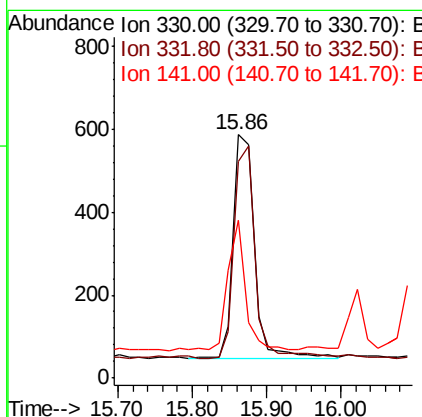
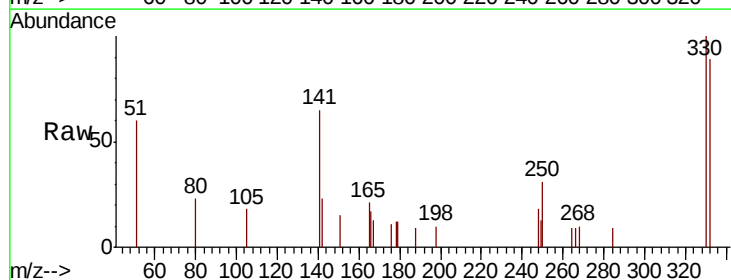
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:164 Resp: 13701
 Ion Ratio Lower Upper
 164 100
 162 106.2 81.4 122.0
 160 53.6 39.4 59.0



#14
 2,4,6-Tribromophenol
 Concen: 0.704 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100864.D
 Acq: 12 Dec 2019 9:10

Tgt Ion:330 Resp: 1073
 Ion Ratio Lower Upper
 330 100
 332 93.8 69.4 104.2
 141 49.5 51.1 76.7#

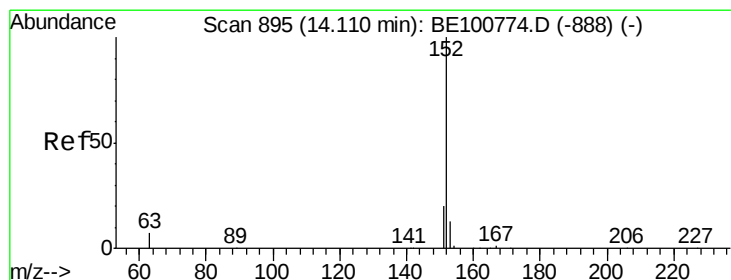
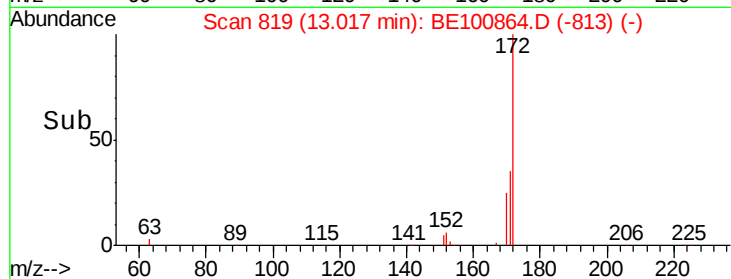
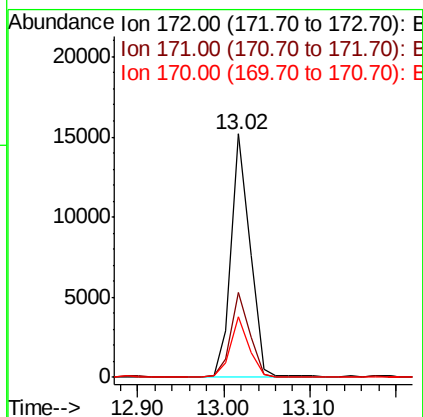
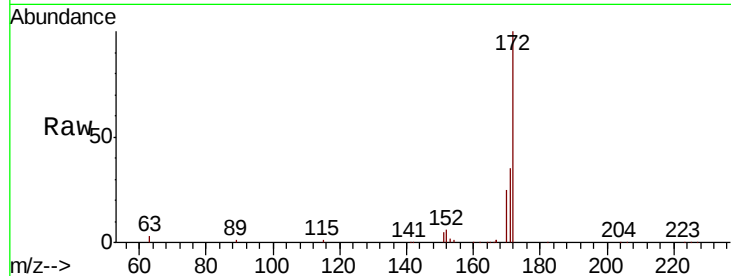




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

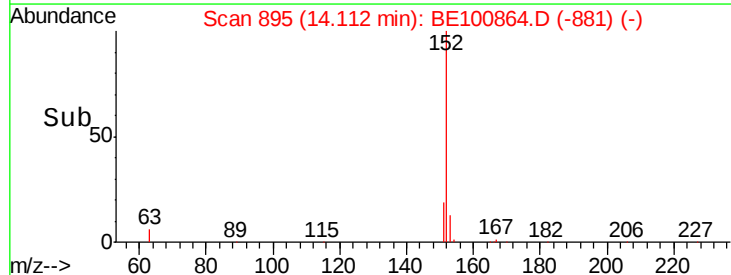
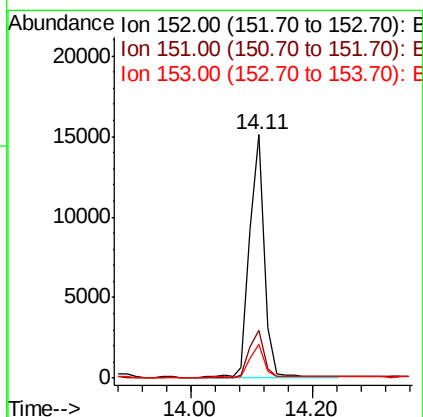
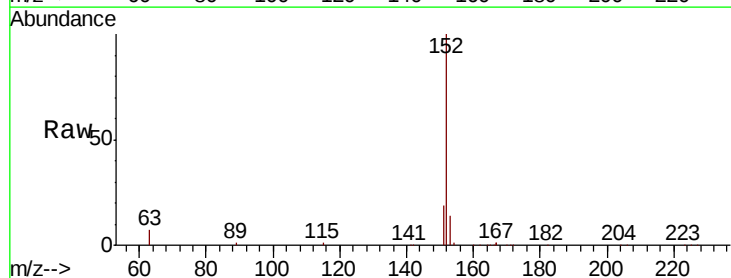
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:172 Resp: 22693
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 25.0 18.0 27.0



#16
Acenaphthylene
Concen: 0.440 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:152 Resp: 24926
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.4 15.6

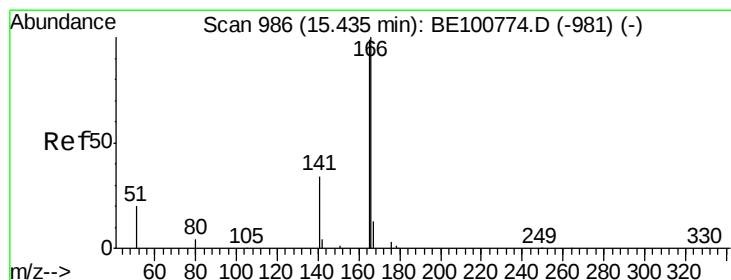
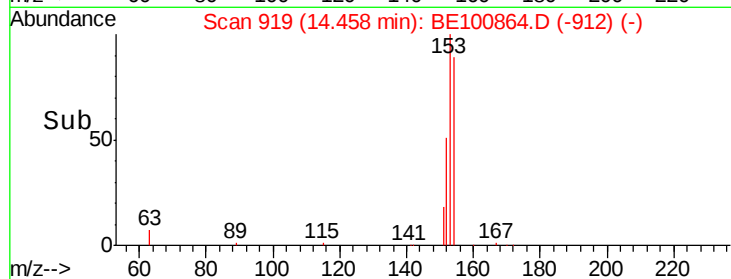
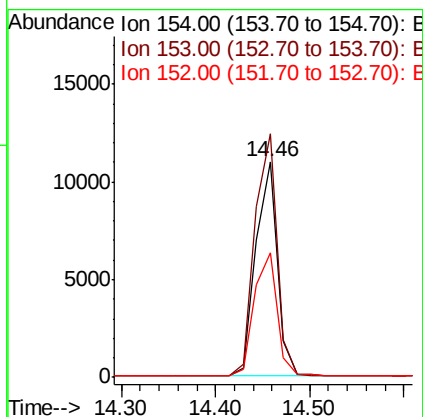
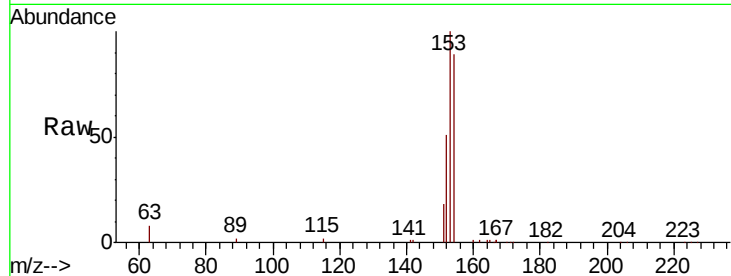




#17
Acenaphthene
Concen: 0.451 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

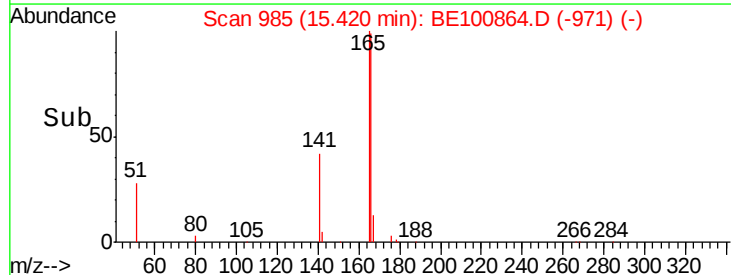
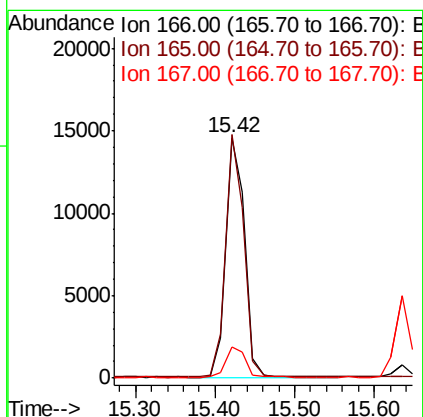
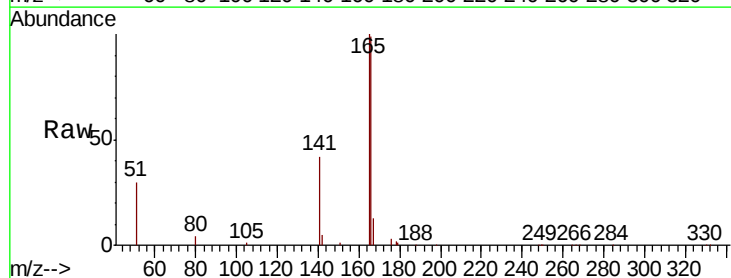
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

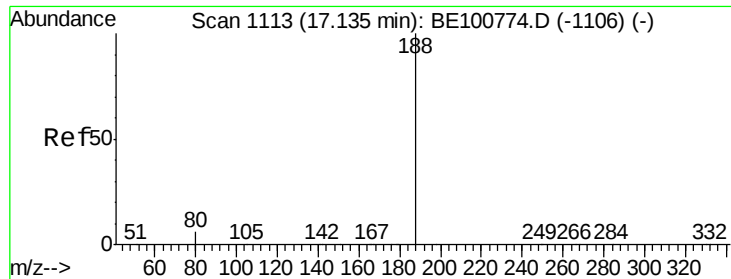
Tot Ion:154 Resp: 17626
Ion Ratio Lower Upper
154 100
153 115.8 92.2 138.2
152 61.4 49.1 73.7



#18
Fluorene
Concen: 0.472 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:166 Resp: 23755
Ion Ratio Lower Upper
166 100
165 97.6 80.5 120.7
167 13.1 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: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

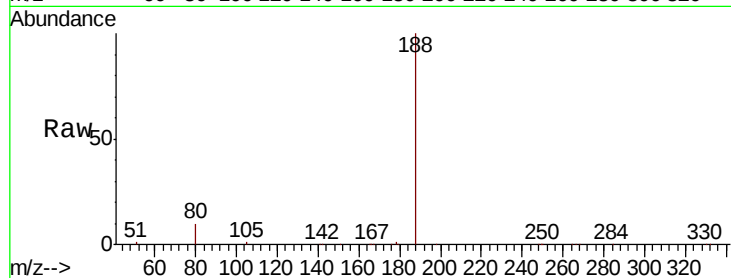
Tot Ion:188 Resp: 35880

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

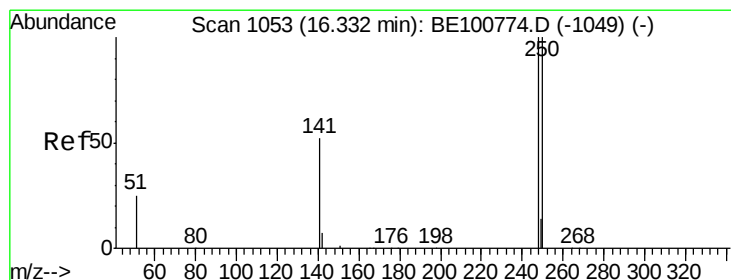
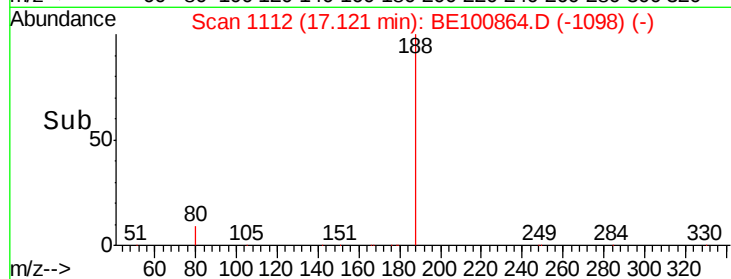
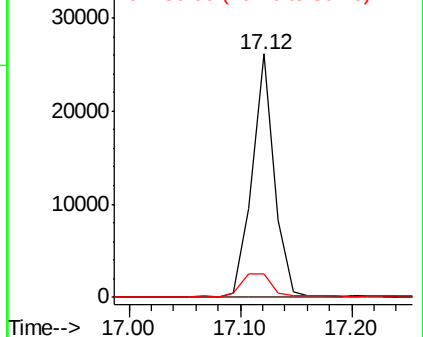
80 9.8 5.2 7.8#



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: 0.405 ng

RT: 16.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

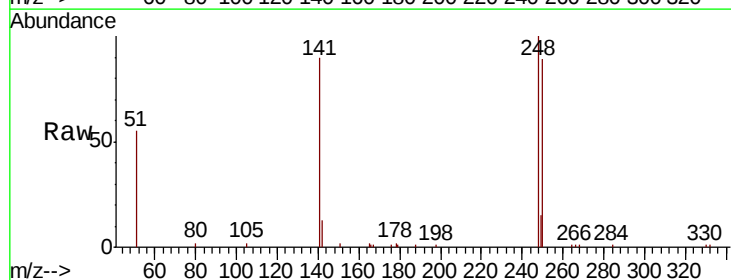
Tgt Ion:248 Resp: 7130

Ion Ratio Lower Upper

248 100

250 89.2 80.5 120.7

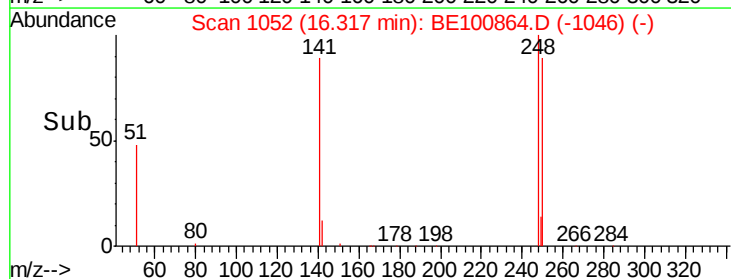
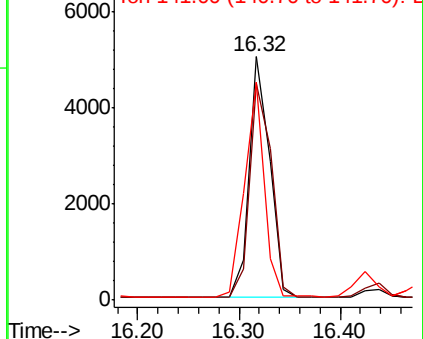
141 89.7 42.6 64.0#

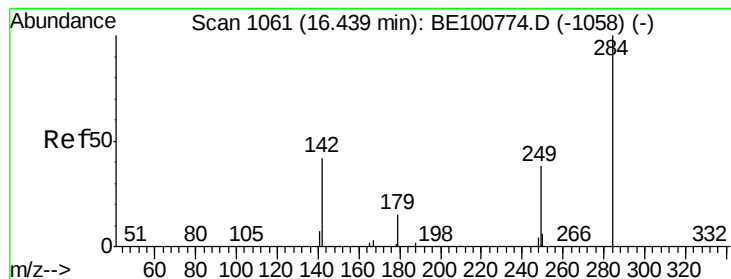


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.414 ng

RT: 16.44 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

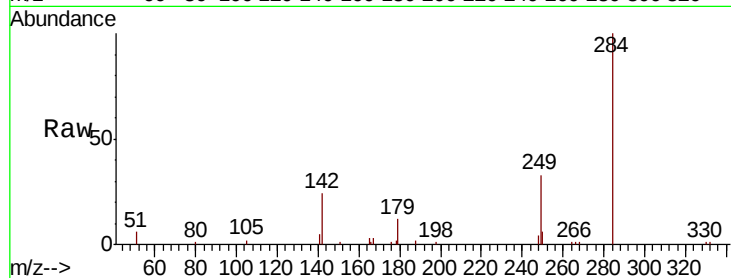
Tot Ion:284 Resp: 7922

Ion Ratio Lower Upper

284 100

142 45.4 34.4 51.6

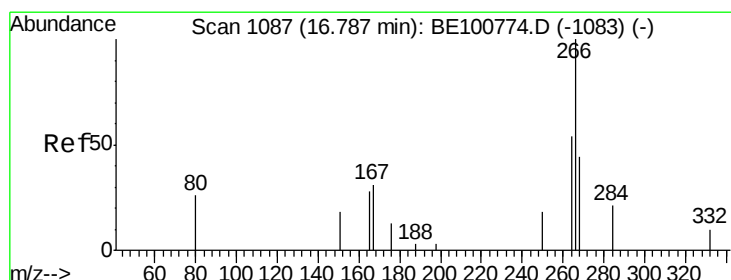
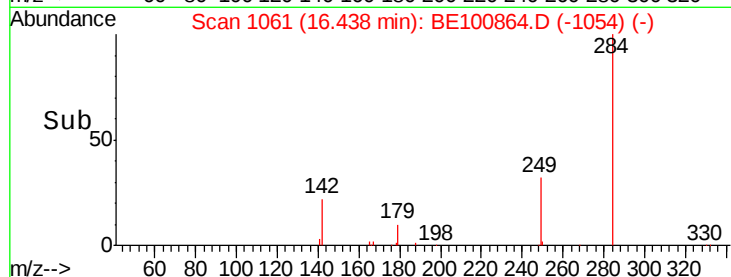
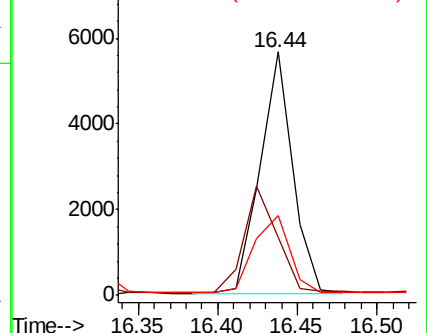
249 35.6 28.5 42.7



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: 0.767 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

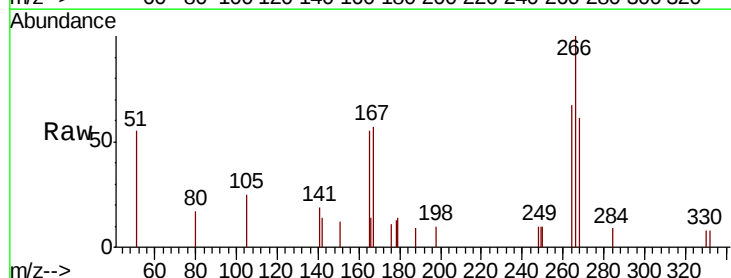
Tgt Ion:266 Resp: 1015

Ion Ratio Lower Upper

266 100

264 66.6 63.4 95.0

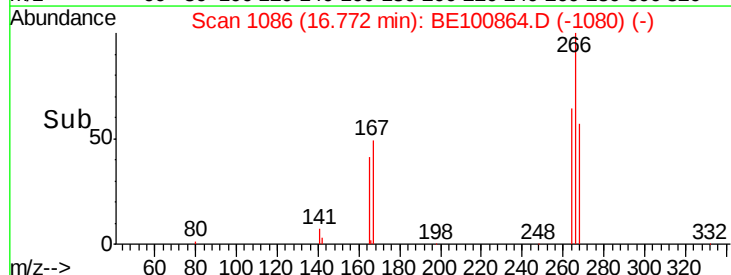
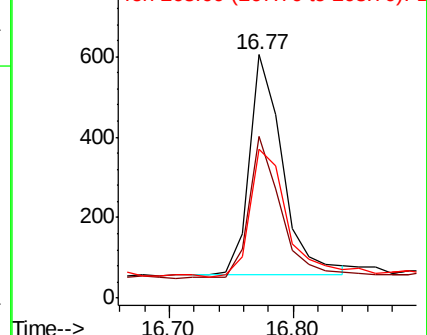
268 61.3 65.8 98.8#



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: 0.429 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

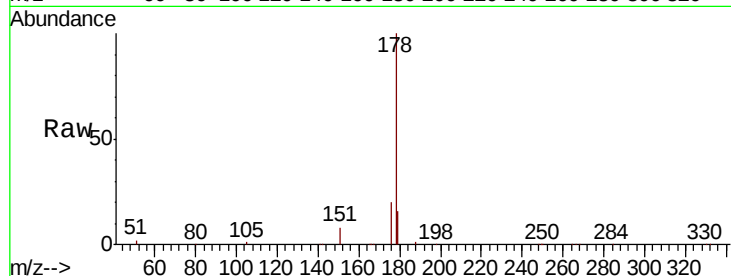
Tot Ion:178 Resp: 46576

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

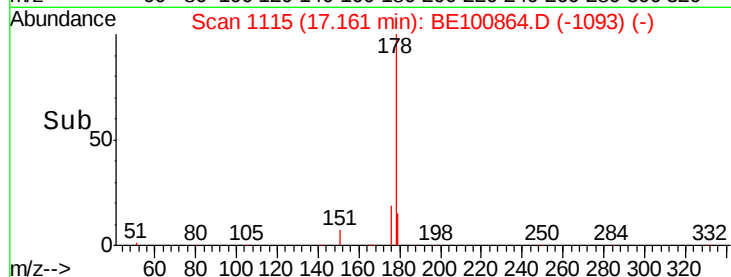
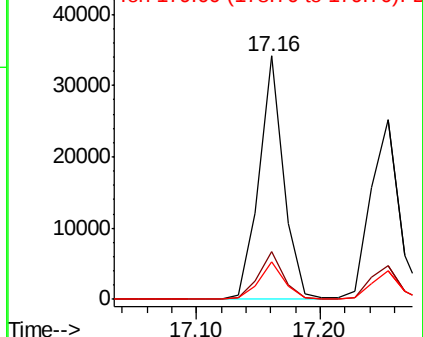
179 15.5 12.3 18.5



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: 0.435 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

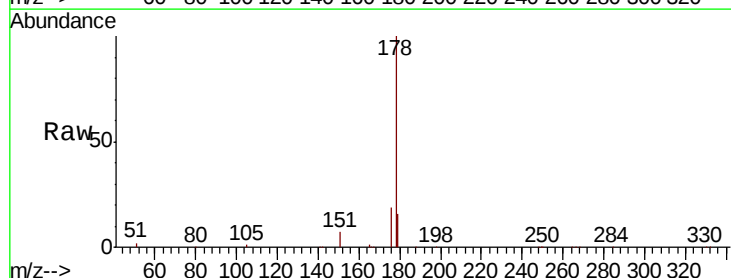
Tgt Ion:178 Resp: 39508

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

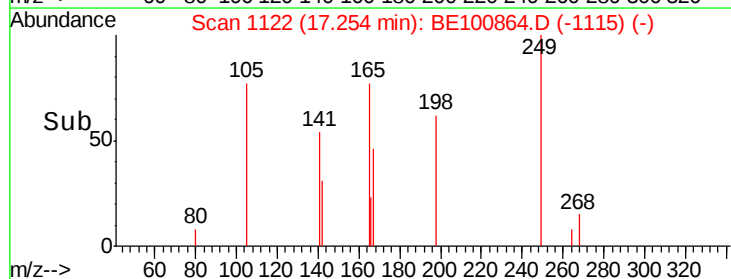
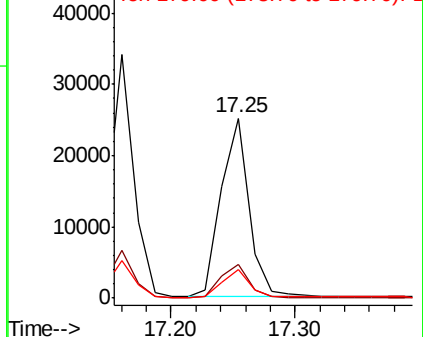
179 15.1 12.7 19.1

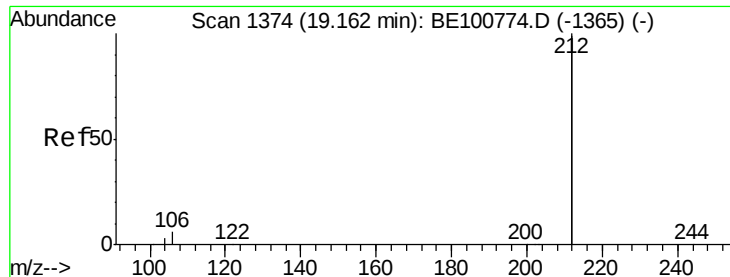


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

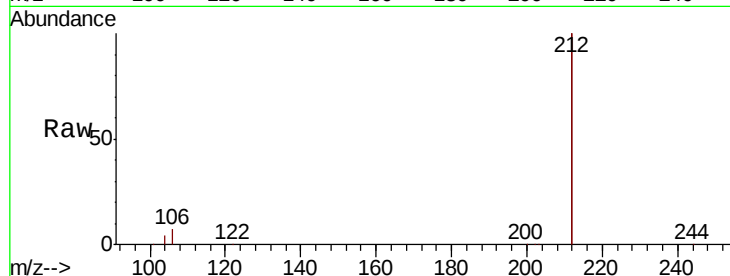
Tot Ion:212 Resp: 159466

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

104 1.8 1.4 2.2

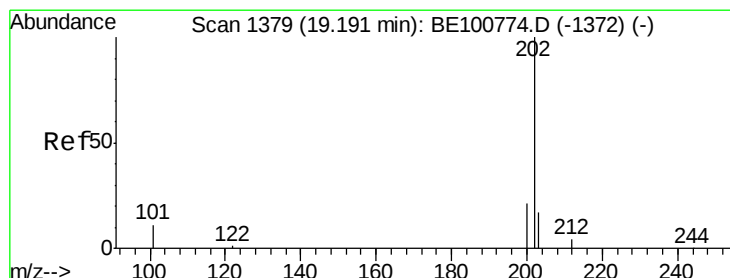
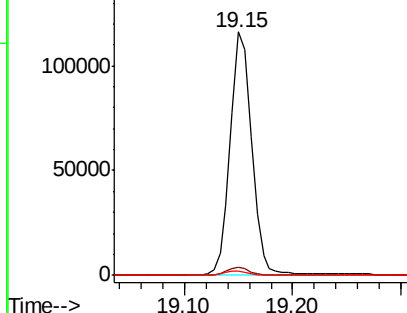
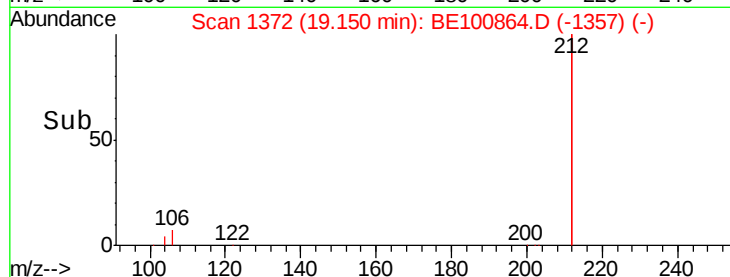


Abundance

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: 0.384 ng

RT: 19.18 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

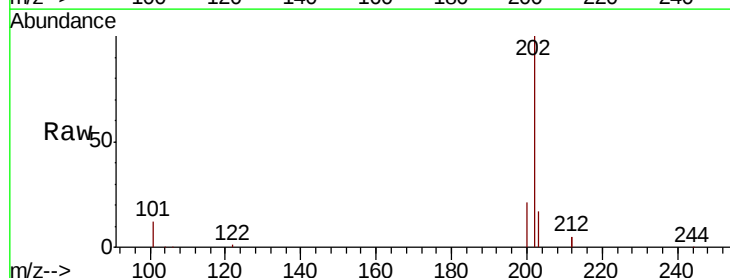
Tgt Ion:202 Resp: 49757

Ion Ratio Lower Upper

202 100

101 11.8 9.1 13.7

203 17.3 13.8 20.6

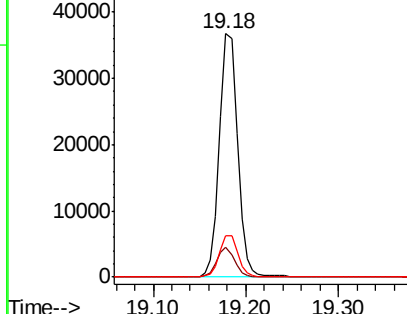
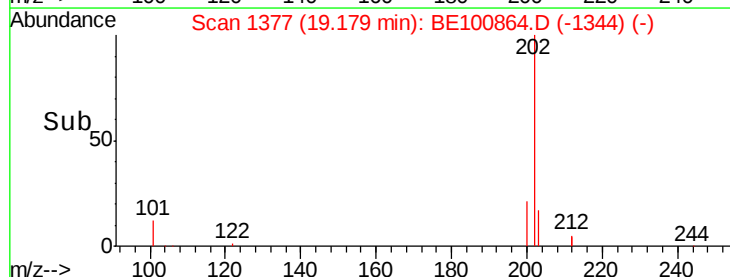


Abundance

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

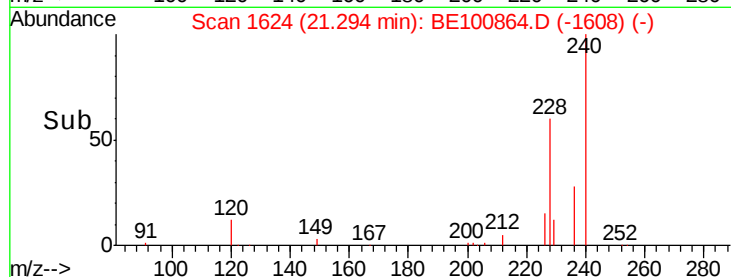
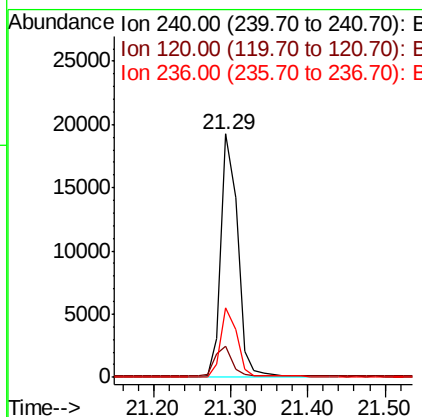
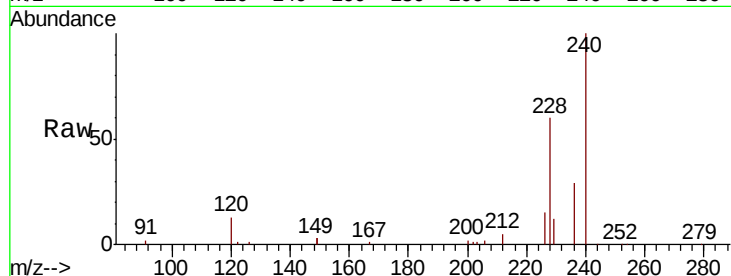




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100864.D
 Acq: 12 Dec 2019 9:10

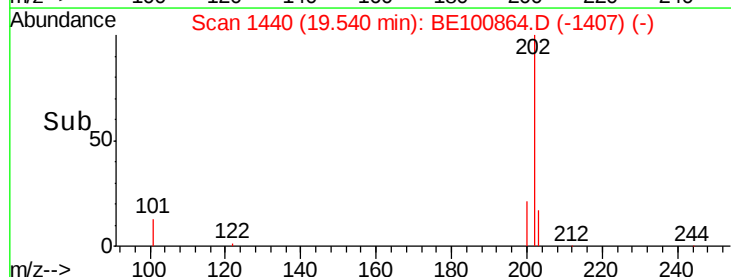
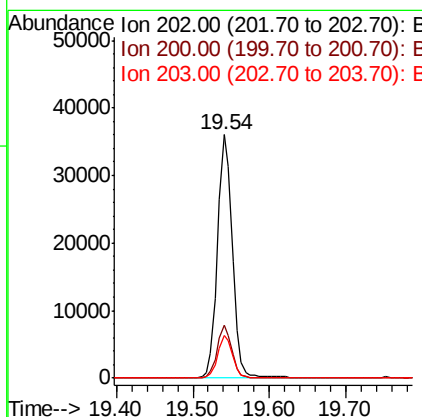
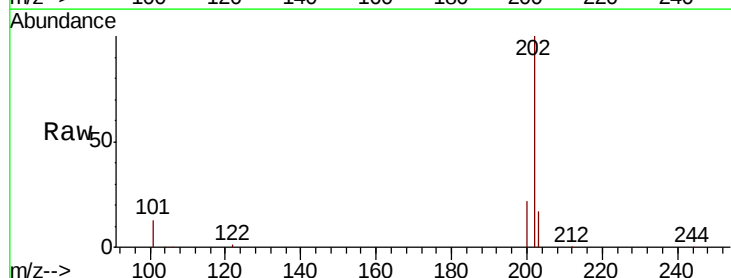
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:240 Resp: 28982
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.2 15.2
 236 28.7 22.3 33.5



#28
 Pyrene
 Concen: 0.510 ng
 RT: 19.54 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BE100864.D
 Acq: 12 Dec 2019 9:10

Tgt Ion:202 Resp: 48045
 Ion Ratio Lower Upper
 202 100
 200 21.0 17.0 25.4
 203 17.2 13.9 20.9





#29

Terphenyl-d14

Concen: 0.462 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

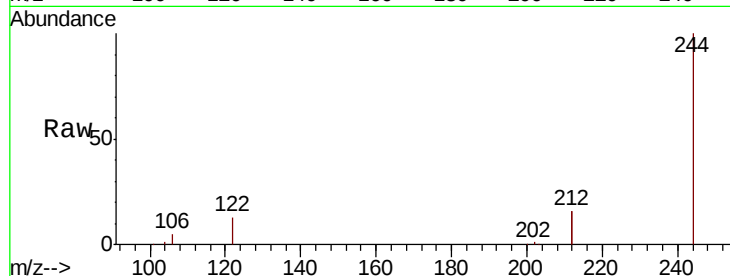
Tot Ion:244 Resp: 32075

Ion Ratio Lower Upper

244 100

212 32.4 26.2 39.4

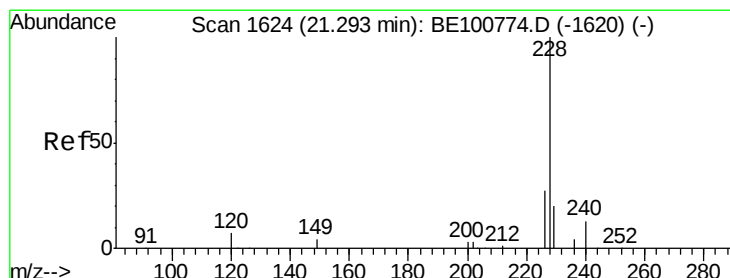
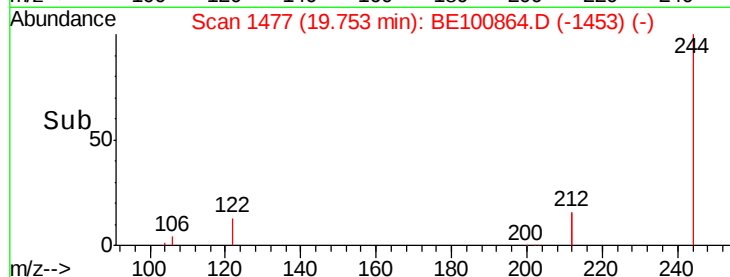
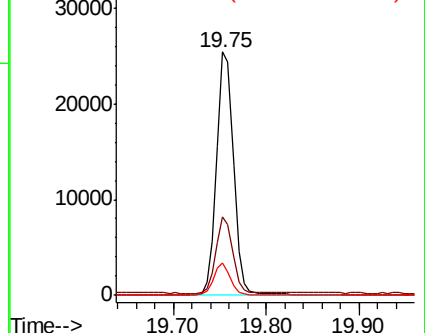
122 13.2 10.2 15.4



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: 0.465 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

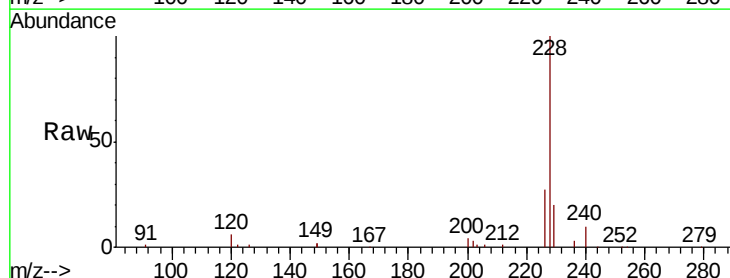
Tgt Ion:228 Resp: 39728

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

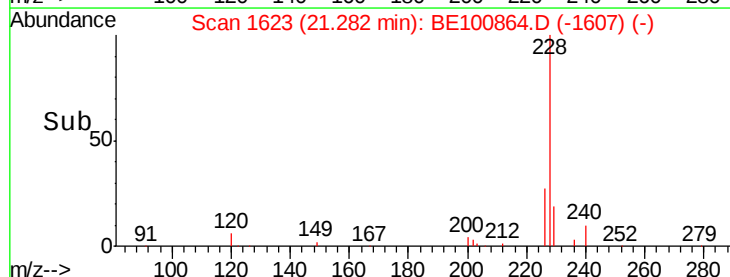
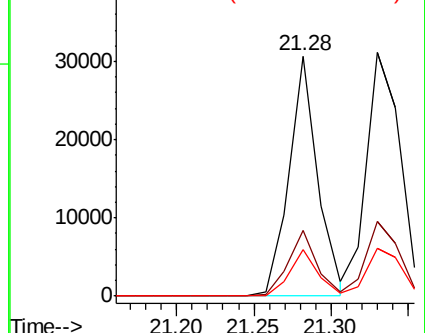
229 19.6 16.0 24.0

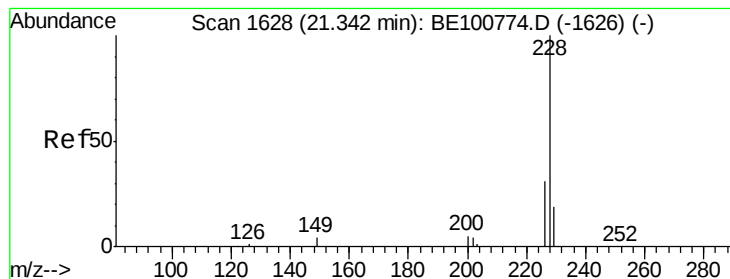


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

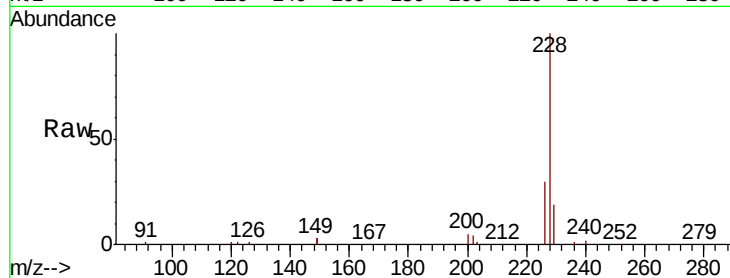




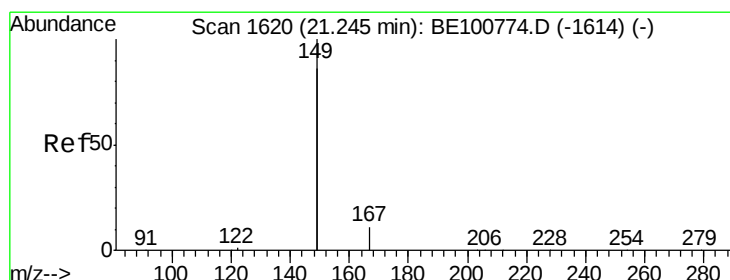
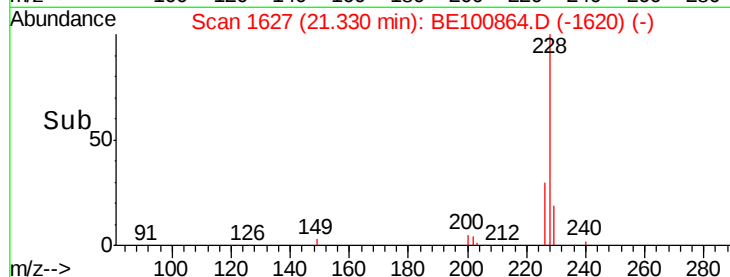
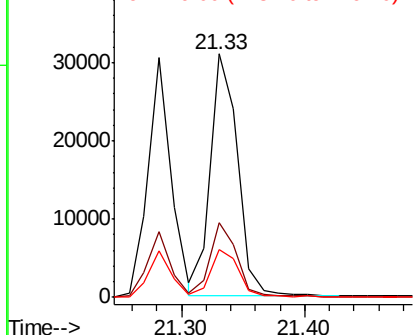
#31
Chrysene
Concen: 0.472 ng
RT: 21.33 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:228 Resp: 47406
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.4
229 19.4 15.4 23.2

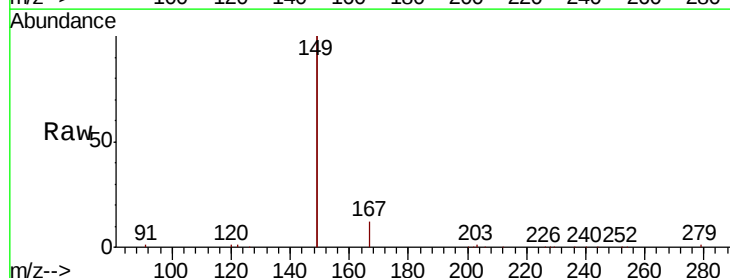


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

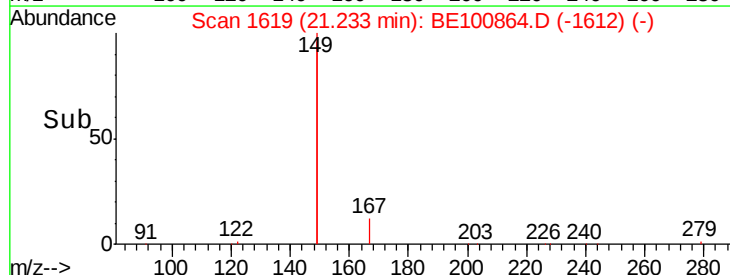
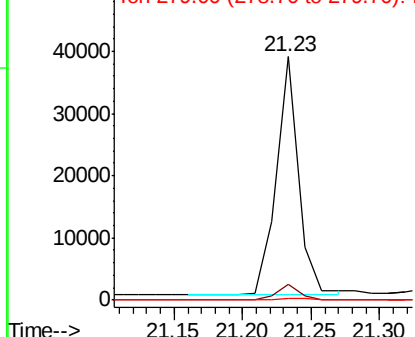


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.703 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:149 Resp: 43209
Ion Ratio Lower Upper
149 100
167 6.1 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

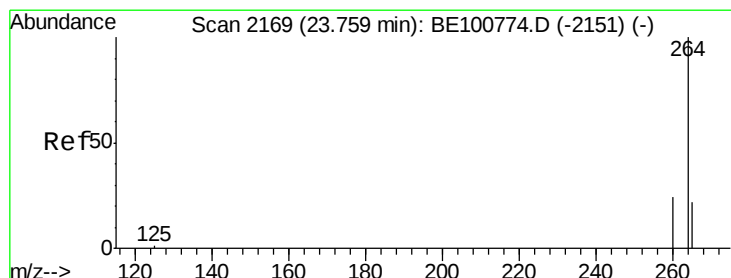
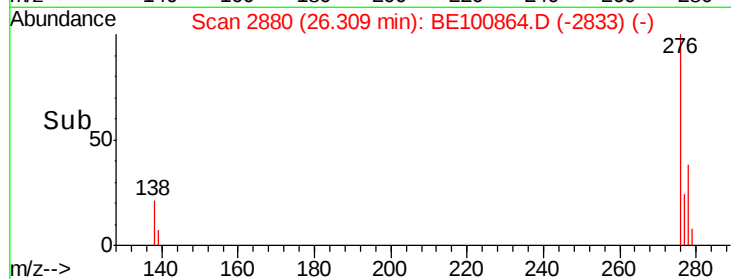
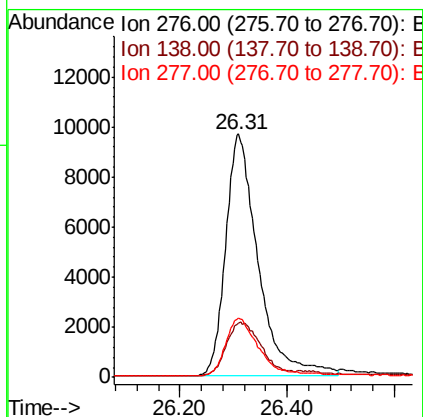
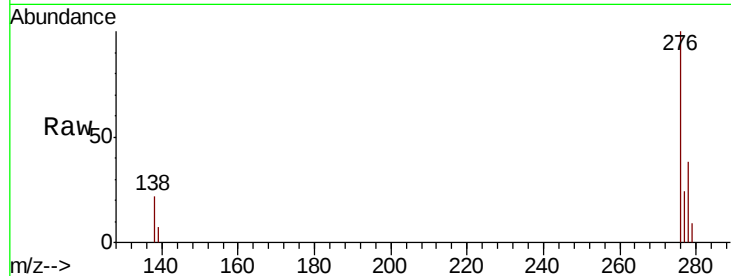




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.465 ng
RT: 26.31 min Scan# 2880
Delta R.T. -0.03 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

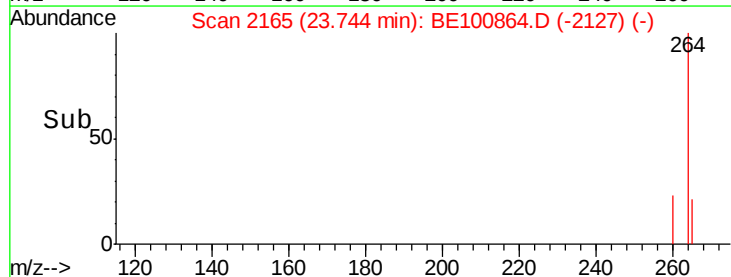
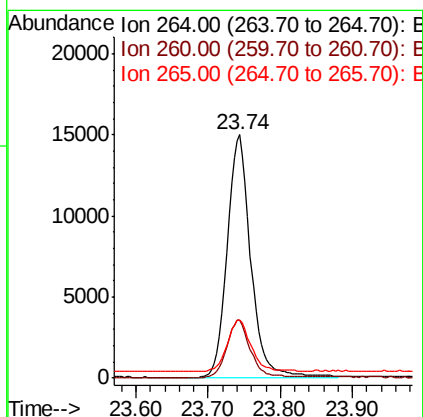
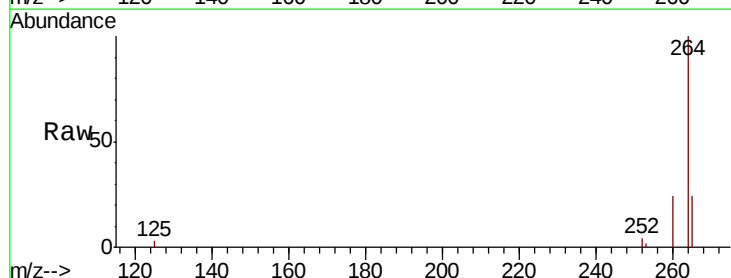
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:276 Resp: 40648
Ion Ratio Lower Upper
276 100
138 23.8 19.4 29.0
277 24.2 19.8 29.6



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE100864.D
Acq: 12 Dec 2019 9:10

Tgt Ion:264 Resp: 33175
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 23.9 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.418 ng

RT: 23.00 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

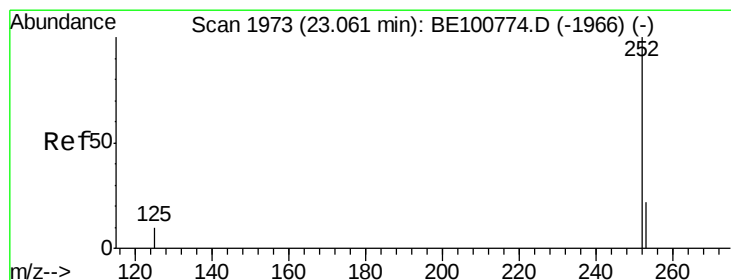
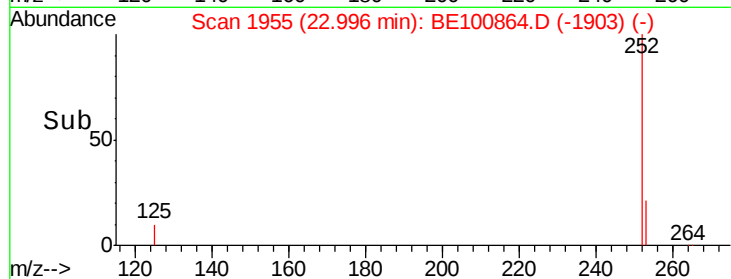
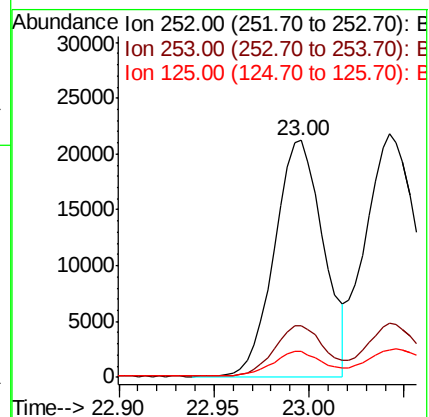
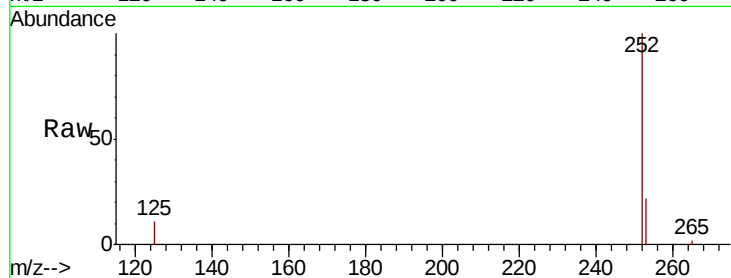
Tot Ion:252 Resp: 37934

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 10.9 9.0 13.4



#36

Benzo(k)fluoranthene

Concen: 0.447 ng

RT: 23.04 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

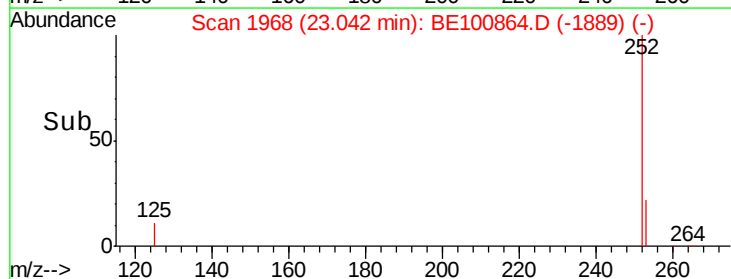
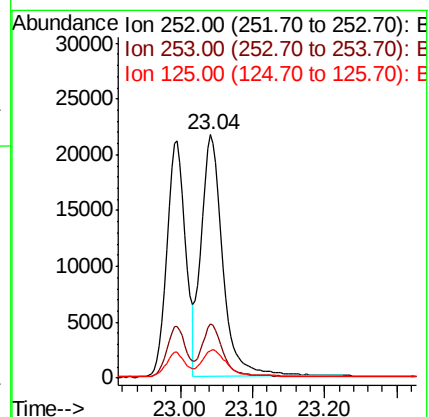
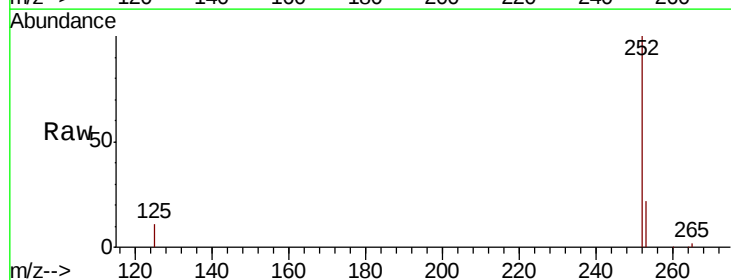
Tgt Ion:252 Resp: 45551

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.4 8.7 13.1





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

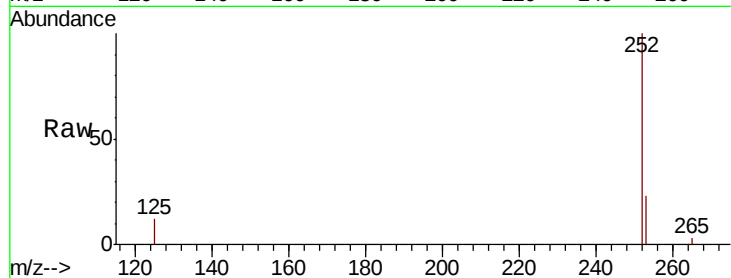
Tot Ion:252 Resp: 32394

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 11.7 10.4 15.6

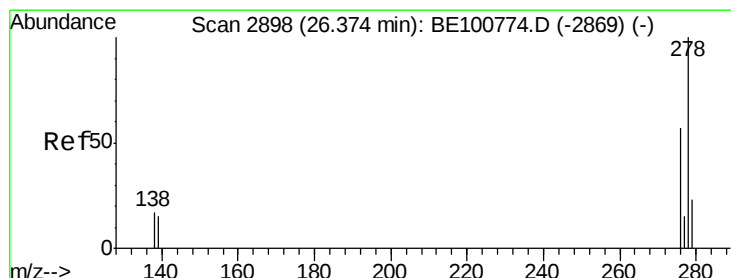
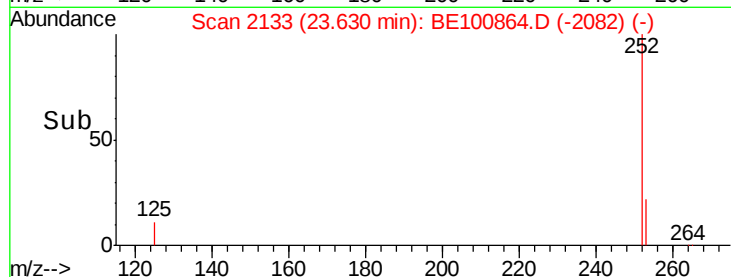
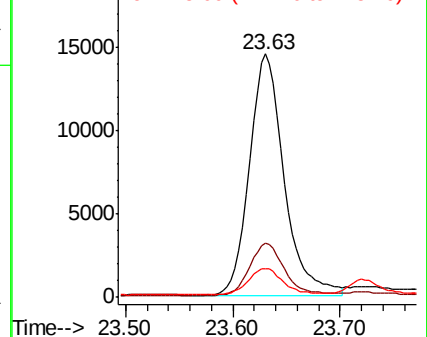


Abundance

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: 0.426 ng

RT: 26.34 min Scan# 2888

Delta R.T. -0.04 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

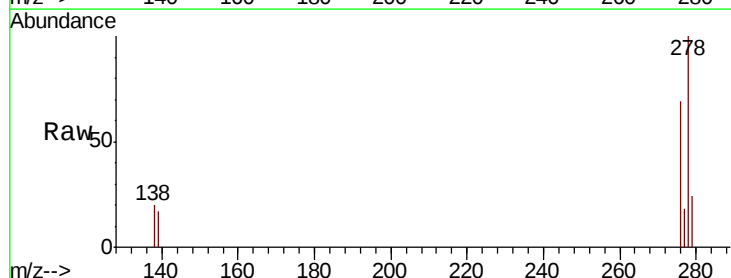
Tgt Ion:278 Resp: 33322

Ion Ratio Lower Upper

278 100

139 17.4 13.0 19.4

279 24.5 19.6 29.4

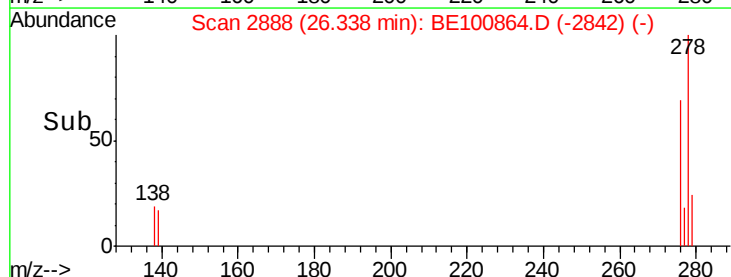
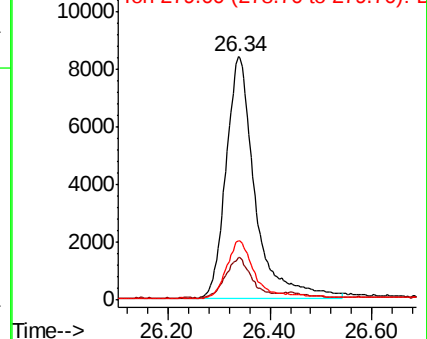


Abundance

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: 0.427 ng

RT: 27.10 min Scan# 3101

Delta R.T. -0.03 min

Lab File: BE100864.D

Acq: 12 Dec 2019 9:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

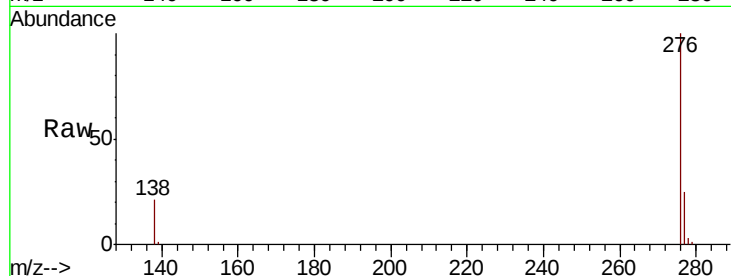
Tot Ion: 276 Resp: 35754

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 21.2 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

