

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121319\
 Data File : BE100895.D
 Acq On : 13 Dec 2019 20:10
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Dec 14 03:07:44 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	4545	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	20464	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	11852	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	27192	0.40	ng	0.00
27) Chrysene-d12	21.30	240	23576	0.40	ng	0.00
34) Perylene-d12	23.74	264	26472	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	5252	0.49	ng	-0.01
5) Phenol-d6	6.93	99	7672	0.47	ng	0.00
8) Nitrobenzene-d5	8.90	82	5828	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	13102	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	931	0.71	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	18654	0.40	ng	0.00
25) Fluoranthene-d10	19.15	212	117591	0.37	ng	0.00
29) Terphenyl-d14	19.76	244	23873	0.42	ng	0.00

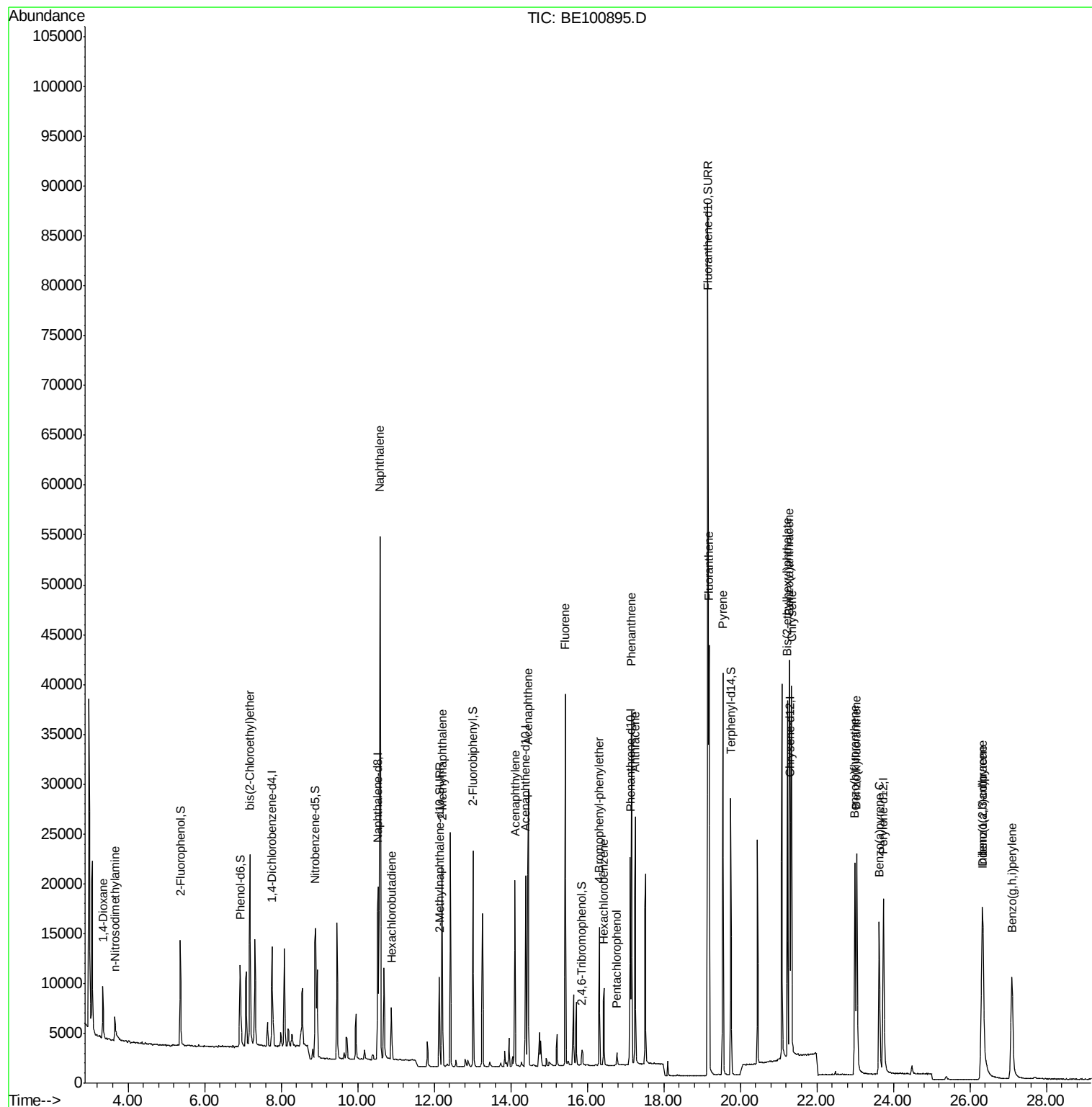
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3666	0.442	ng	95
3) n-Nitrosodimethylamine	3.65	42	2775	0.411	ng	92
6) bis(2-Chloroethyl)ether	7.18	93	7035	0.447	ng	98
9) Naphthalene	10.58	128	96039	0.442	ng	100
10) Hexachlorobutadiene	10.89	225	3681	0.434	ng	98
12) 2-Methylnaphthalene	12.21	142	15077	0.444	ng	98
16) Acenaphthylene	14.11	152	21774	0.444	ng	99
17) Acenaphthene	14.46	154	14753	0.437	ng	99
18) Fluorene	15.42	166	18939	0.435	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	5541	0.415	ng	98
21) Hexachlorobenzene	16.44	284	6134	0.423	ng	99
22) Pentachlorophenol	16.77	266	777	0.775	ng	99
23) Phenanthrene	17.16	178	34486	0.419	ng	99
24) Anthracene	17.25	178	28309	0.411	ng	100
26) Fluoranthene	19.19	202	37149	0.378	ng	100
28) Pyrene	19.54	202	36577	0.477	ng	100
30) Benzo(a)anthracene	21.28	228	32023	0.461	ng	98
31) Chrysene	21.34	228	36635	0.449	ng	96
32) Bis(2-ethylhexyl)phthalate	21.23	149	37583	0.745	ng	99
33) Indeno(1,2,3-cd)pyrene	26.32	276	32140	0.452	ng	100
35) Benzo(b)fluoranthene	23.00	252	30107	0.415	ng	99
36) Benzo(k)fluoranthene	23.05	252	34021	0.419	ng	100
37) Benzo(a)pyrene	23.63	252	25824	0.412	ng	99
38) Dibenzo(a,h)anthracene	26.34	278	25759	0.413	ng	98
39) Benzo(g,h,i)perylene	27.10	276	27480	0.412	ng	98

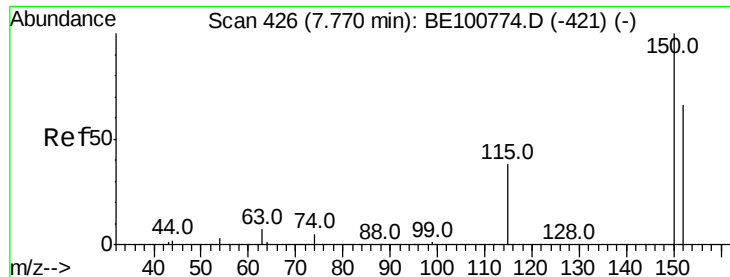
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 03:07:44 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 425

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

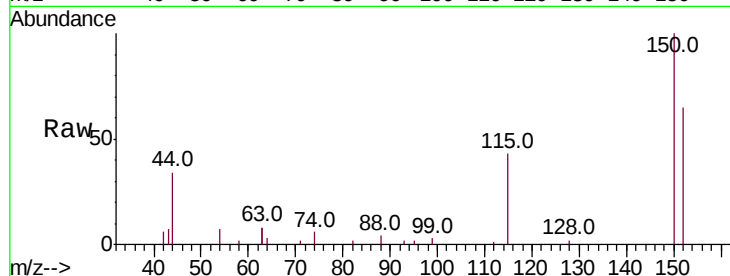
Tot Ion:152 Resp: 4545

Ion Ratio Lower Upper

152 100

150 154.6 125.5 188.3

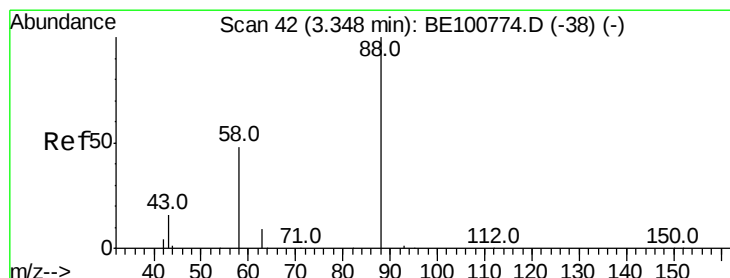
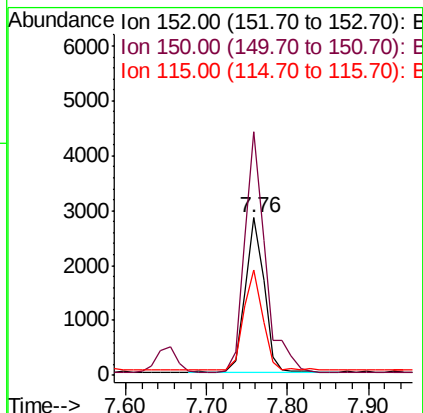
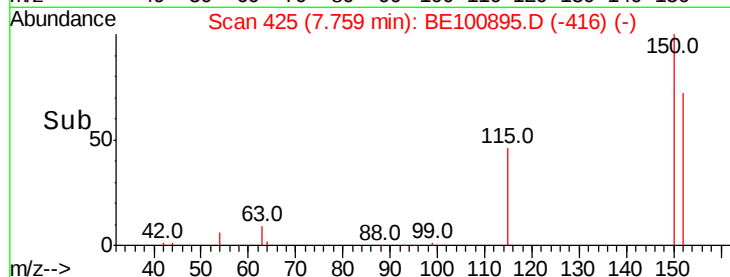
115 66.9 55.7 83.5



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: 0.442 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

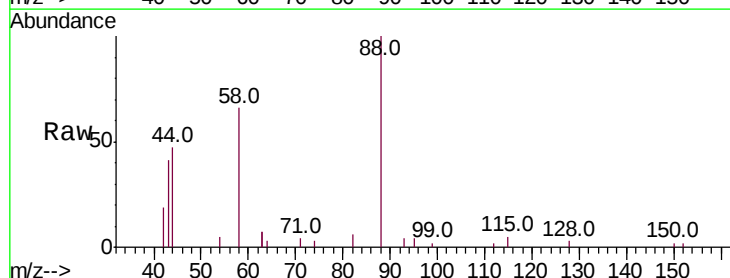
Tgt Ion: 88 Resp: 3666

Ion Ratio Lower Upper

88 100

58 70.6 52.3 78.5

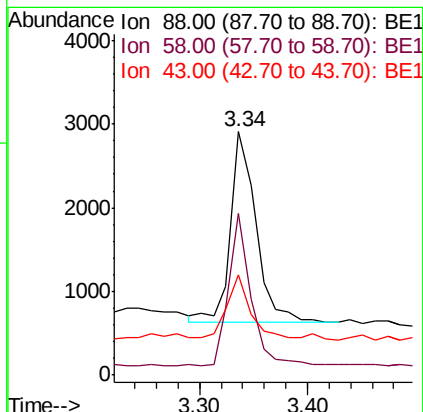
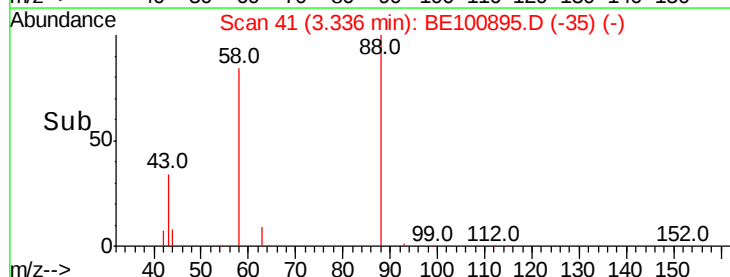
43 29.8 23.5 35.3

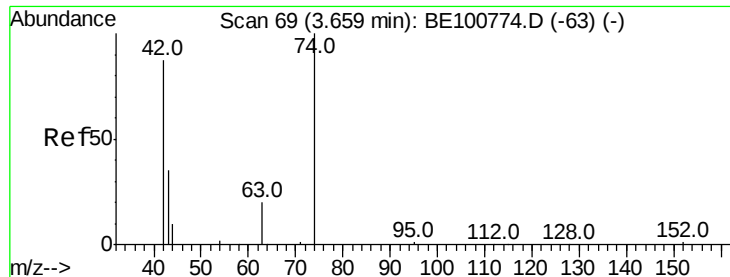


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



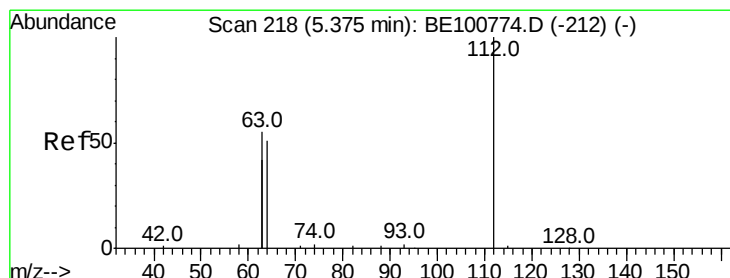
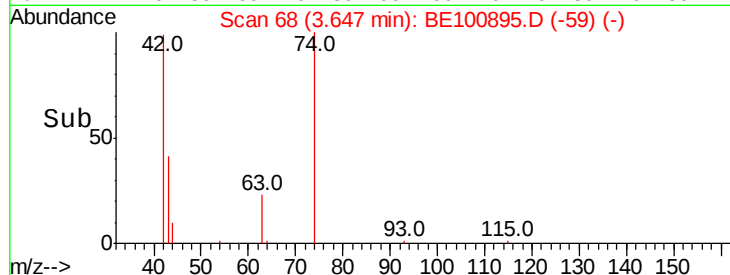
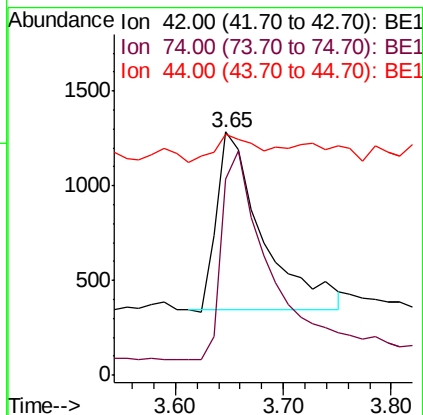
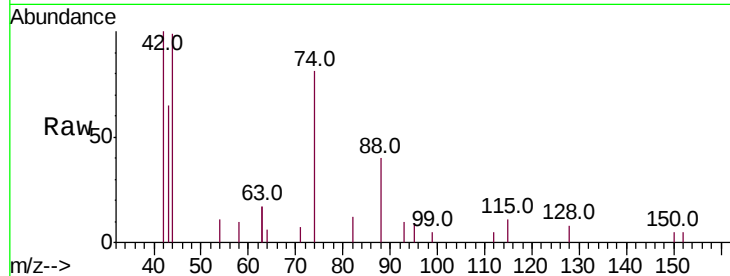


#3

n-Nitrosodimethylamine
 Concen: 0.411 ng
 RT: 3.65 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BE100895.D
 Acq: 13 Dec 2019 20:10

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

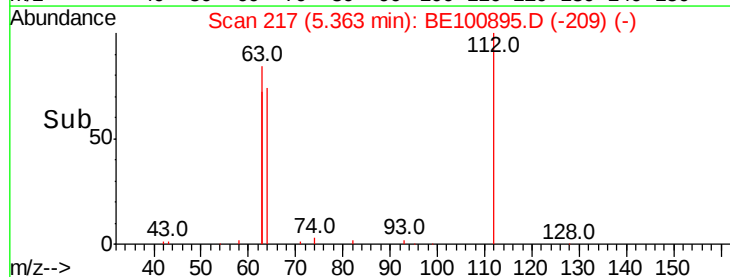
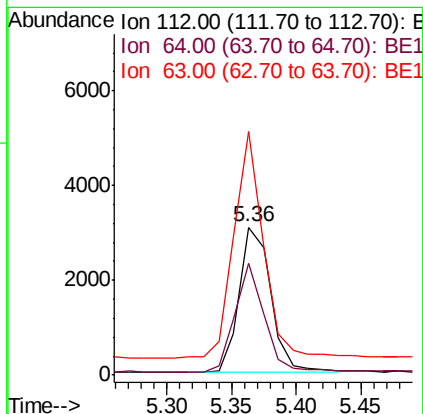
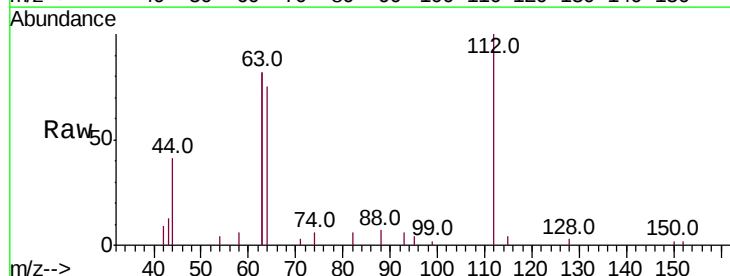
Tot Ion: 42 Resp: 2775
 Ion Ratio Lower Upper
 42 100
 74 121.9 90.3 135.5
 44 12.7 9.0 13.4

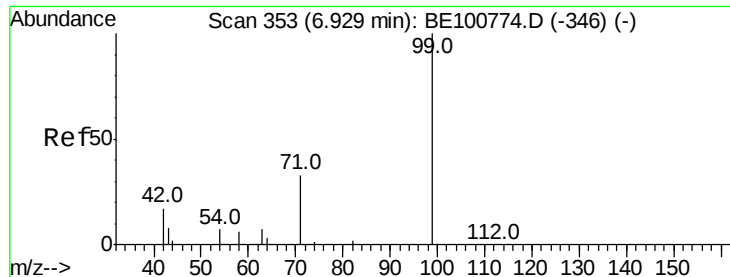


#4

2-Fluorophenol
 Concen: 0.487 ng
 RT: 5.36 min Scan# 217
 Delta R.T. -0.01 min
 Lab File: BE100895.D
 Acq: 13 Dec 2019 20:10

Tgt Ion: 112 Resp: 5252
 Ion Ratio Lower Upper
 112 100
 64 67.7 54.5 81.7
 63 145.2 116.1 174.1





#5

Phenol-d6

Concen: 0.471 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

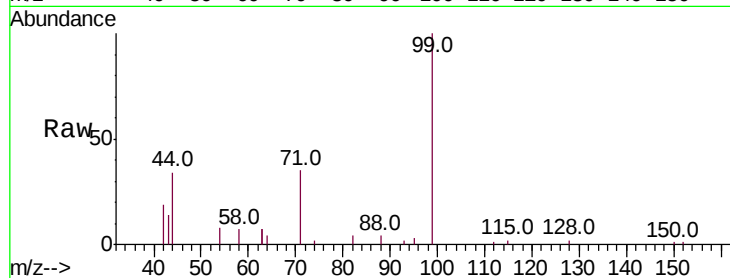
Tot Ion: 99 Resp: 7672

Ion Ratio Lower Upper

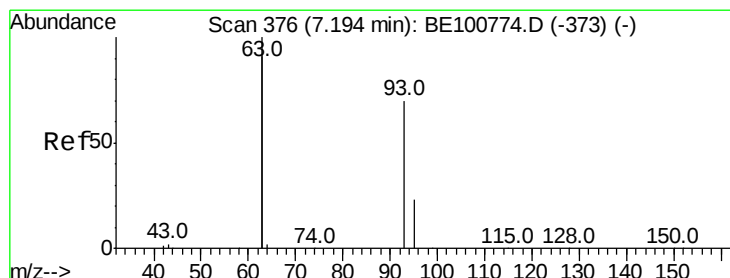
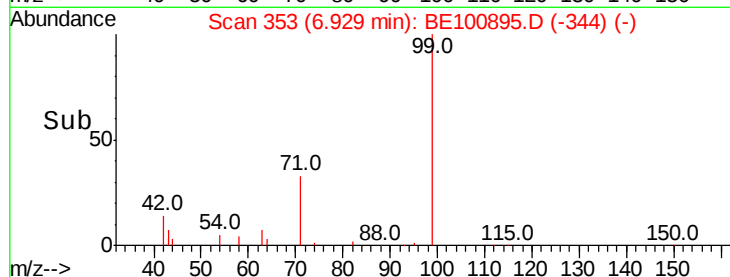
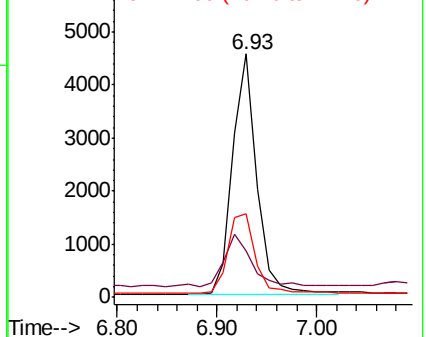
99 100

42 24.4 18.2 27.2

71 37.7 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: 0.447 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

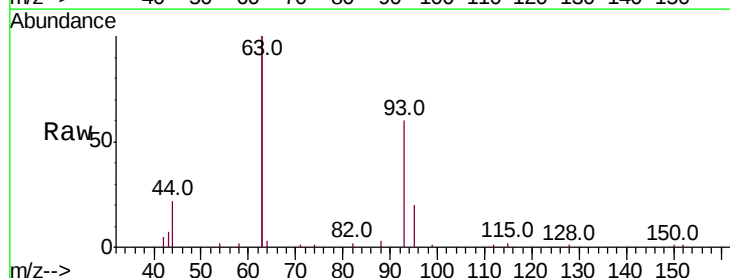
Tgt Ion: 93 Resp: 7035

Ion Ratio Lower Upper

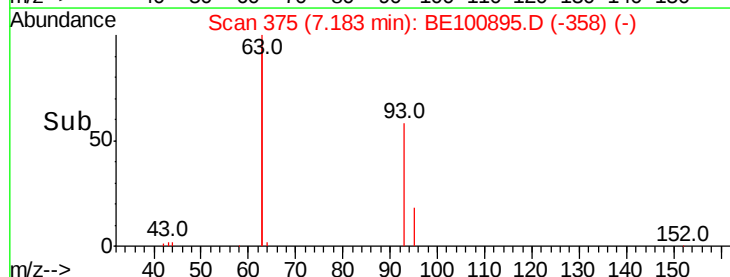
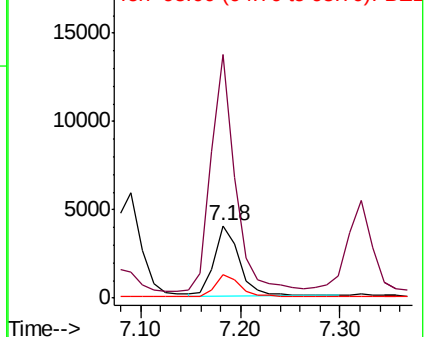
93 100

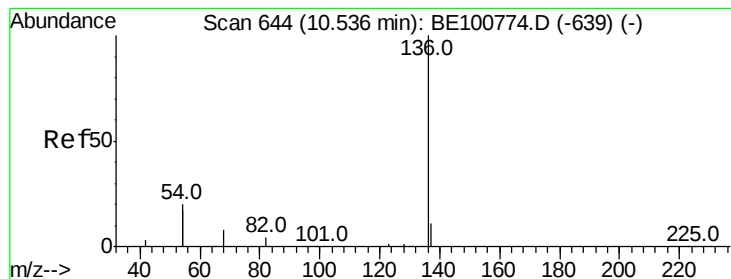
63 320.7 253.9 380.9

95 30.9 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: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 20464

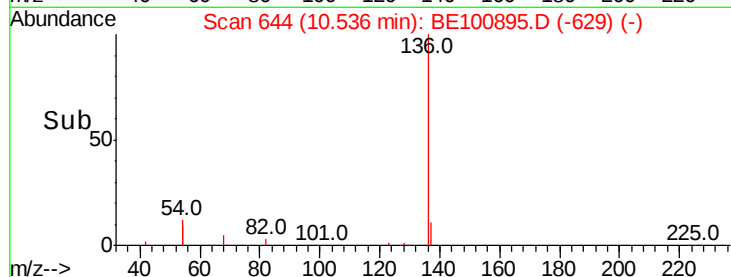
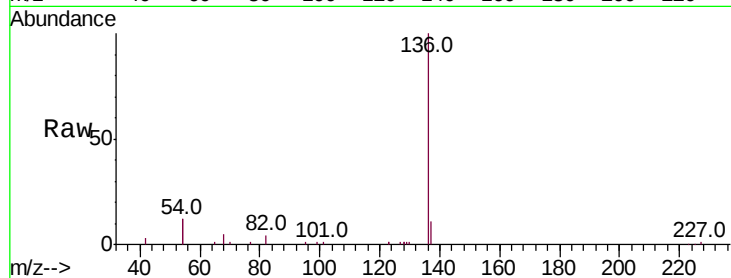
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 24.5 18.9 28.3

68 5.5 4.6 6.8

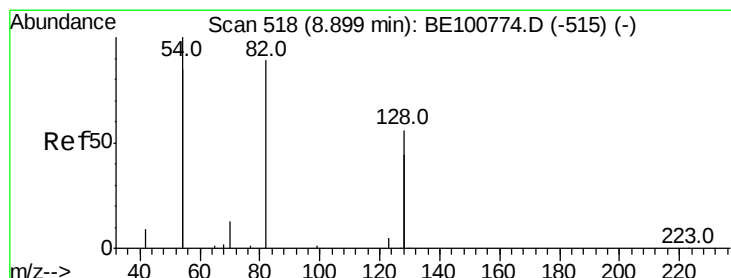
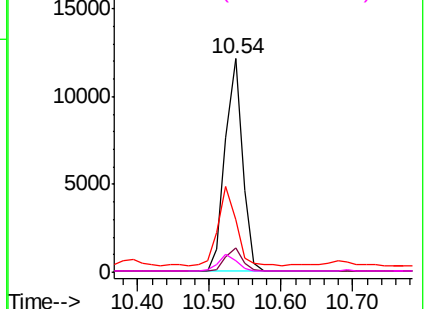


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.598 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

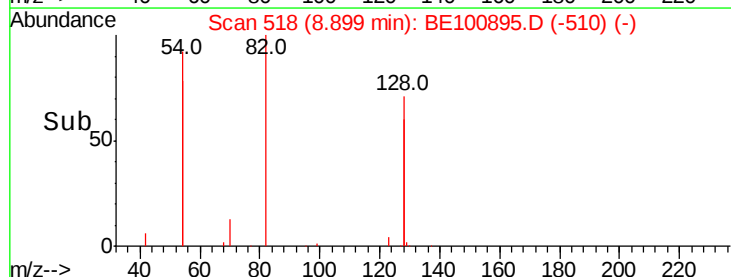
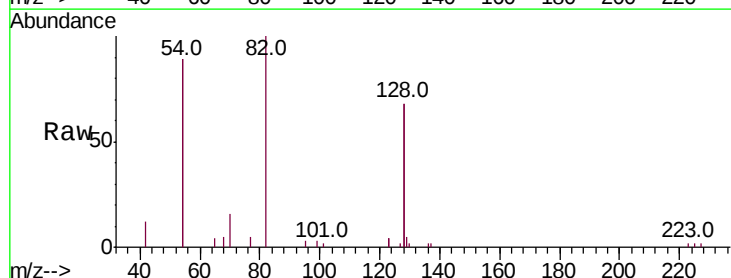
Tgt Ion: 82 Resp: 5828

Ion Ratio Lower Upper

82 100

128 136.8 113.5 170.3

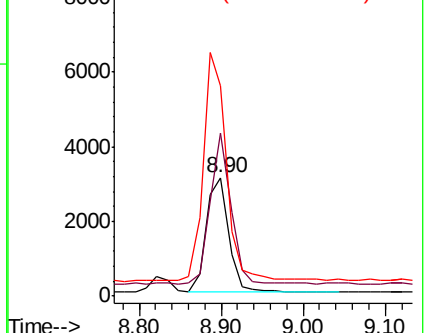
54 177.0 138.9 208.3

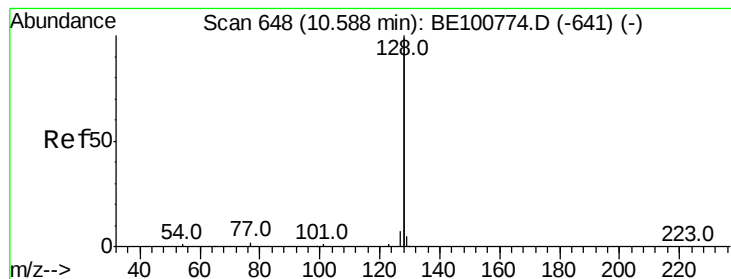


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.442 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

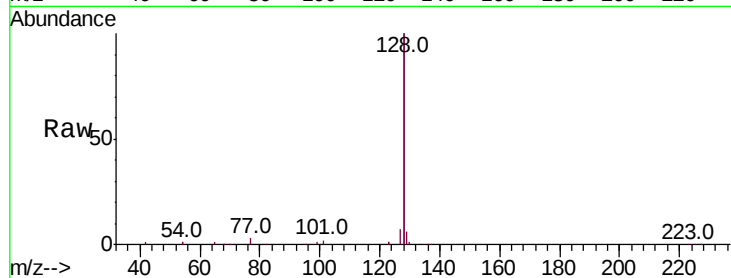
Tot Ion:128 Resp: 96039

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

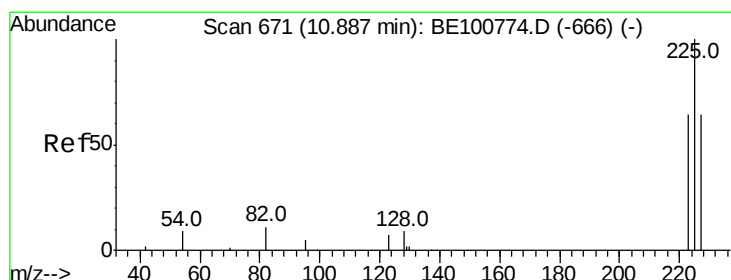
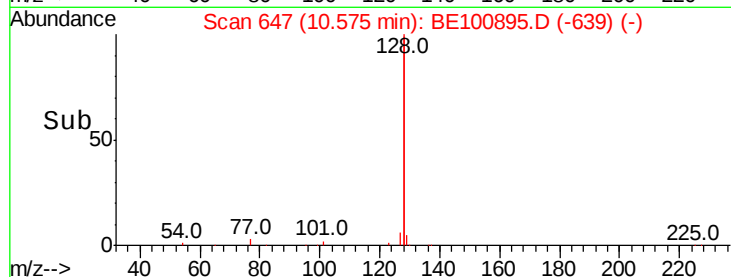
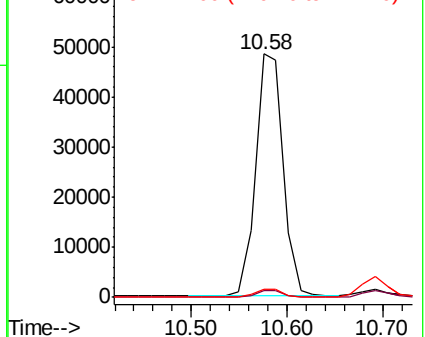
127 3.4 2.8 4.2



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: 0.434 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

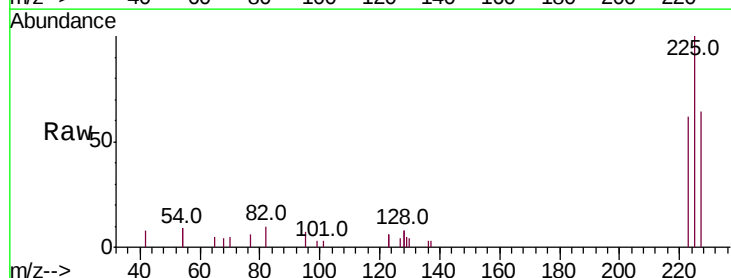
Tgt Ion:225 Resp: 3681

Ion Ratio Lower Upper

225 100

223 63.0 52.1 78.1

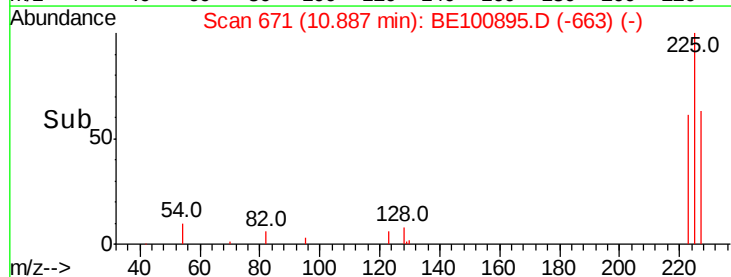
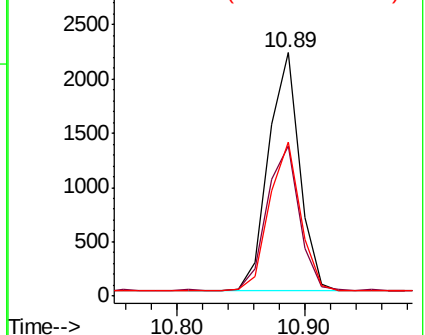
227 62.5 51.1 76.7

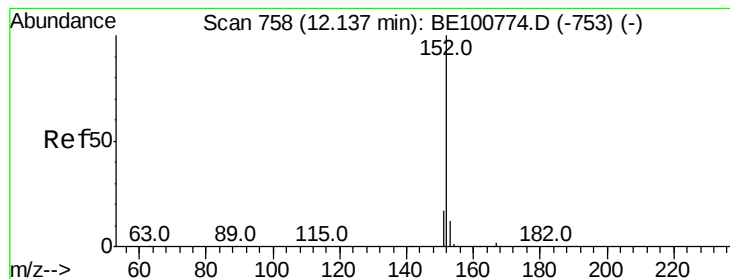


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.442 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

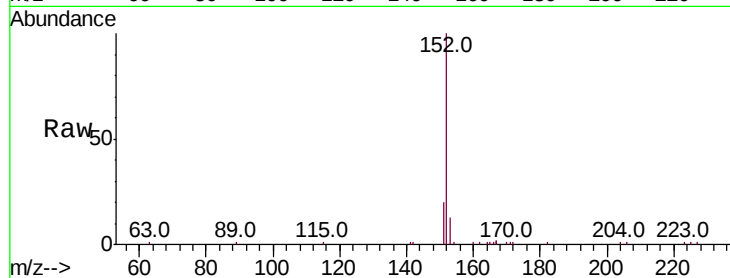
SSTDCCC0.4EC

Tot Ion:152 Resp: 13102

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

8000

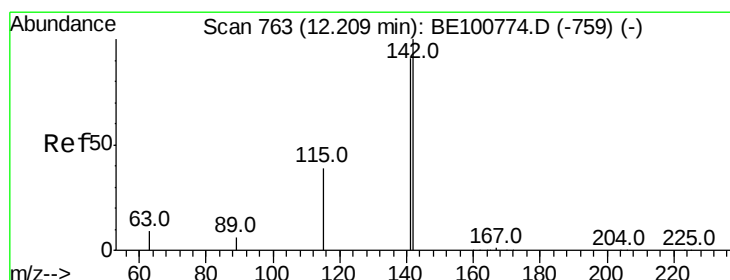
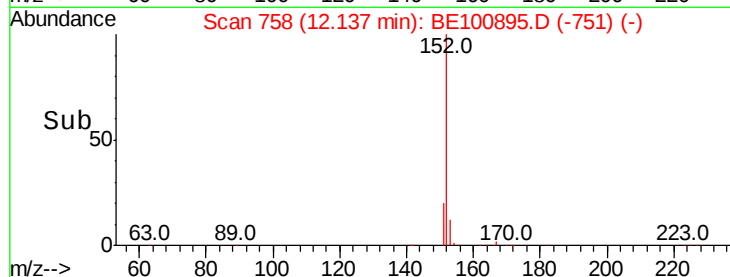
6000

4000

2000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.444 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

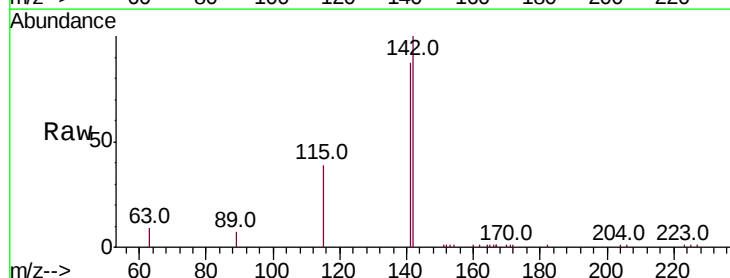
Tgt Ion:142 Resp: 15077

Ion Ratio Lower Upper

142 100

141 86.9 68.9 103.3

115 39.2 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

12.21

10000

8000

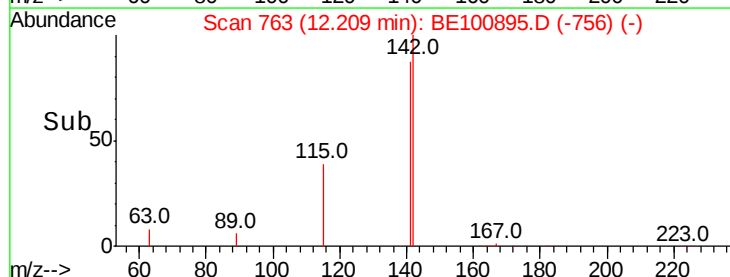
6000

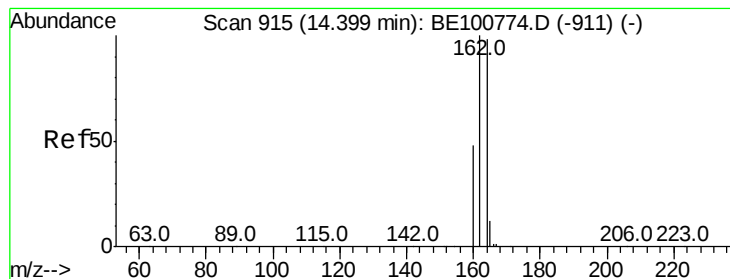
4000

2000

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 914

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

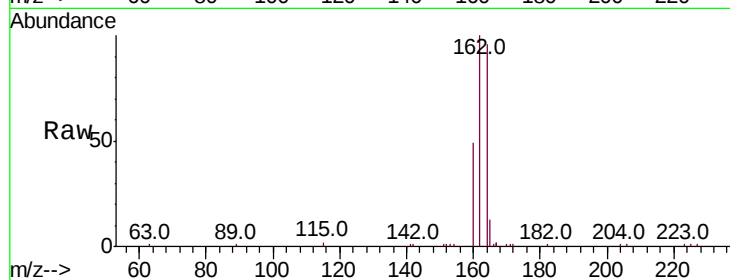
Tot Ion:164 Resp: 11852

Ion Ratio Lower Upper

164 100

162 104.6 86.0 129.0

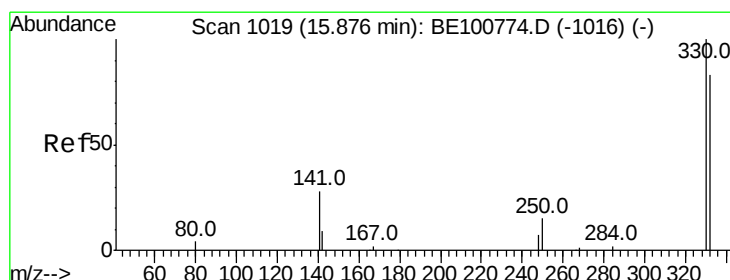
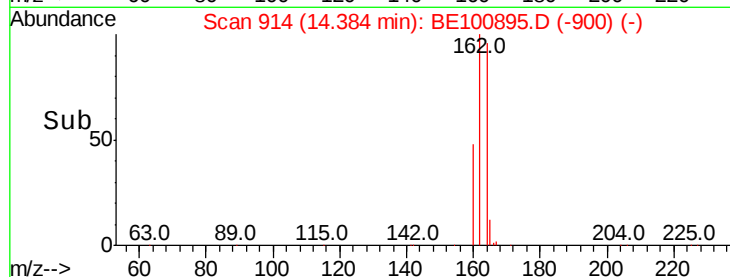
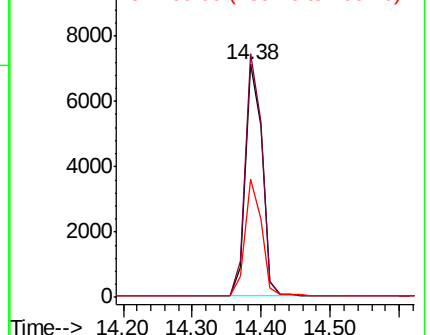
160 51.0 42.3 63.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.706 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

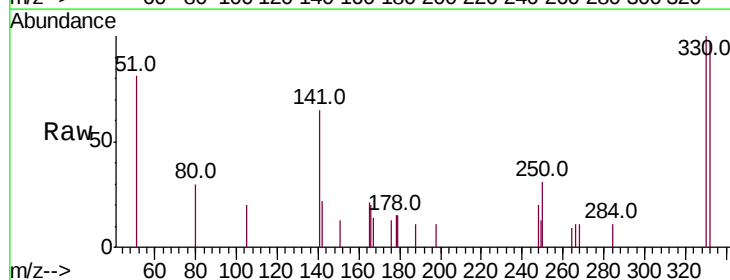
Tgt Ion:330 Resp: 931

Ion Ratio Lower Upper

330 100

332 99.2 74.1 111.1

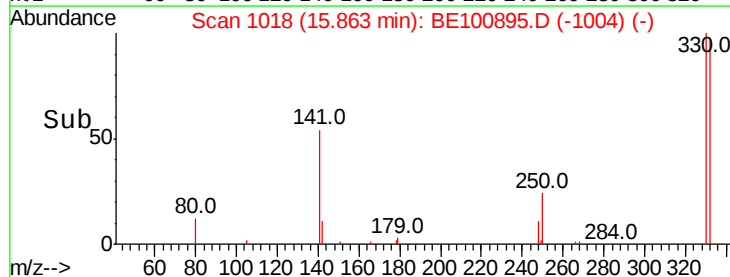
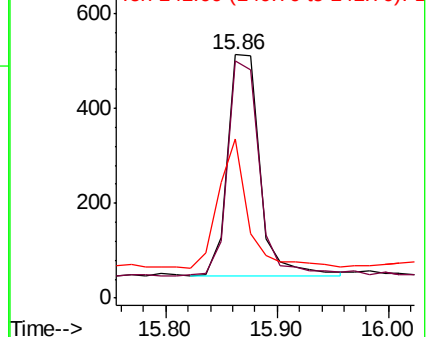
141 52.6 46.7 70.1

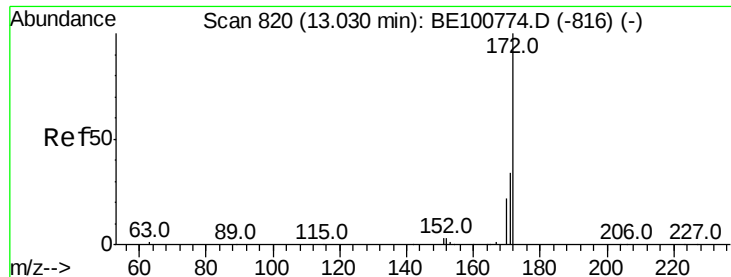


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

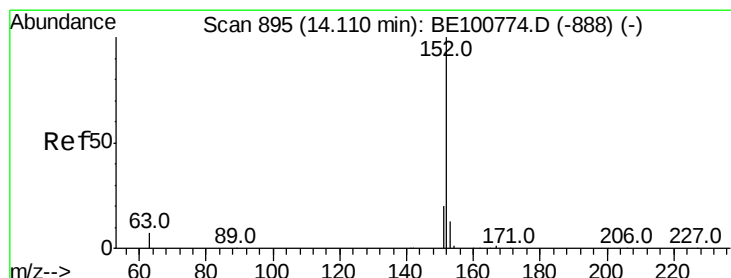
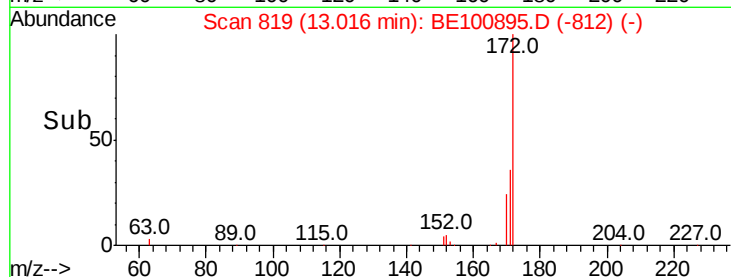
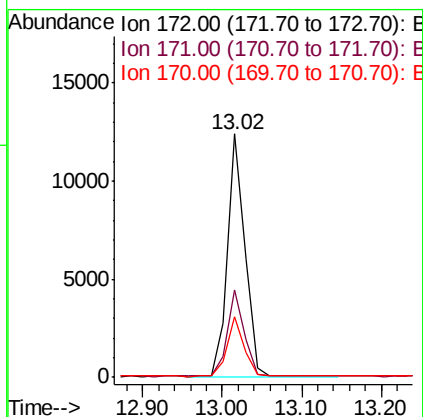
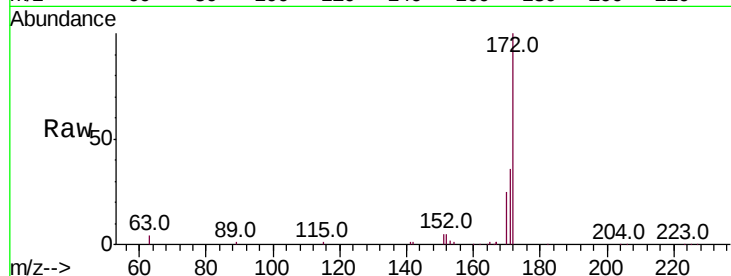




#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

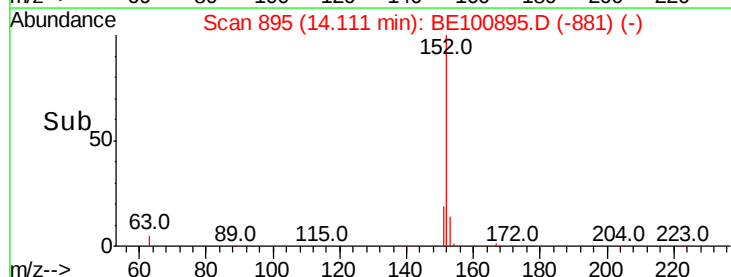
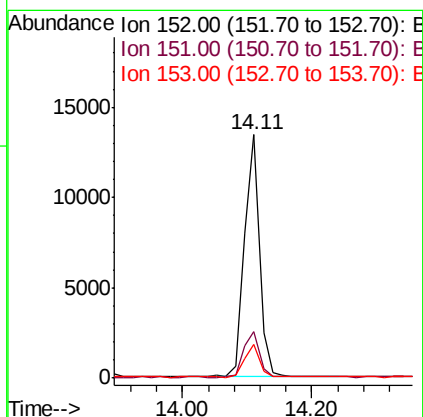
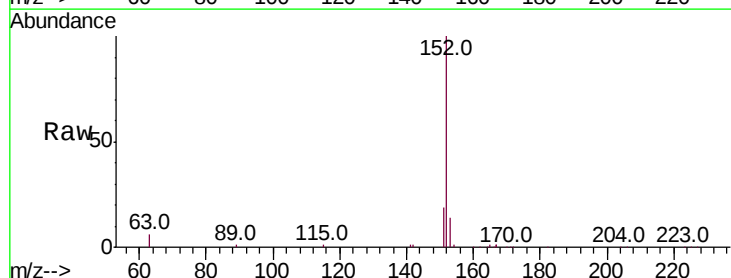
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

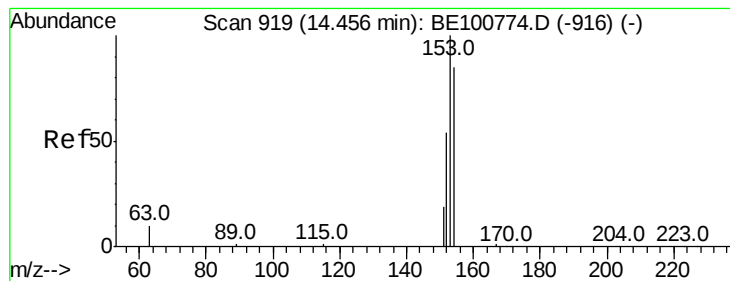
Tot Ion:172 Resp: 18654
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 24.7 19.4 29.0



#16
Acenaphthylene
Concen: 0.444 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.00 min
Lab File: BE100895.D
Acq: 13 Dec 2019 20:10

Tgt Ion:152 Resp: 21774
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.6 10.5 15.7





#17

Acenaphthene

Concen: 0.437 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

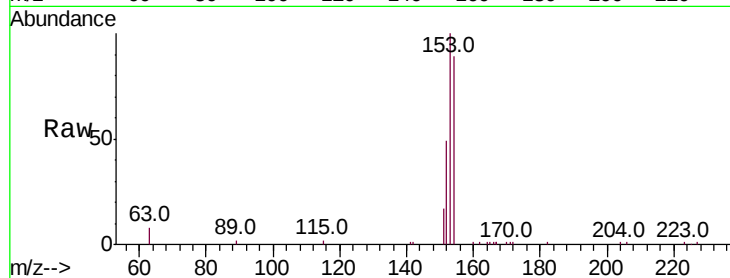
Tot Ion:154 Resp: 14753

Ion Ratio Lower Upper

154 100

153 115.9 91.5 137.3

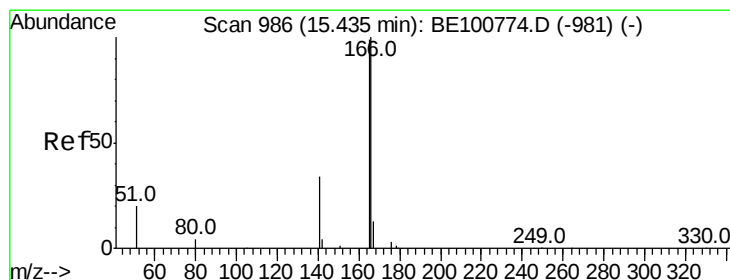
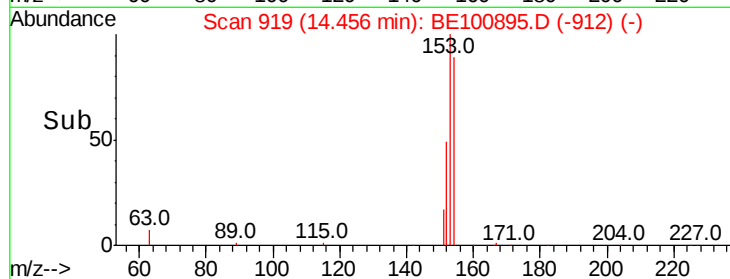
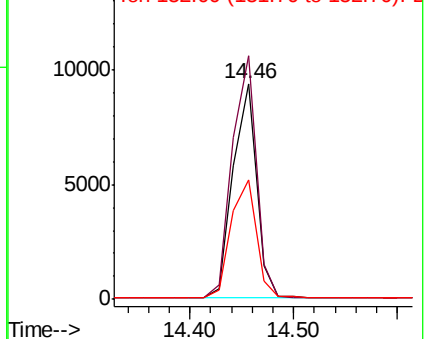
152 59.9 47.7 71.5



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: 0.435 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

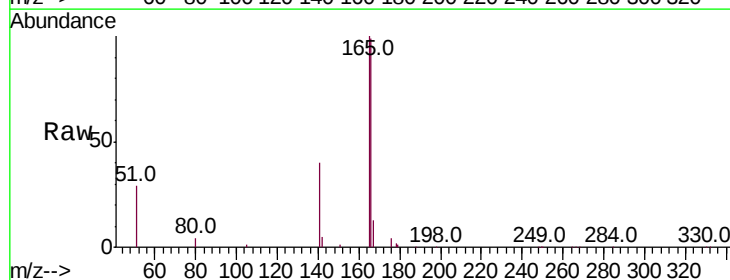
Tgt Ion:166 Resp: 18939

Ion Ratio Lower Upper

166 100

165 99.9 80.2 120.4

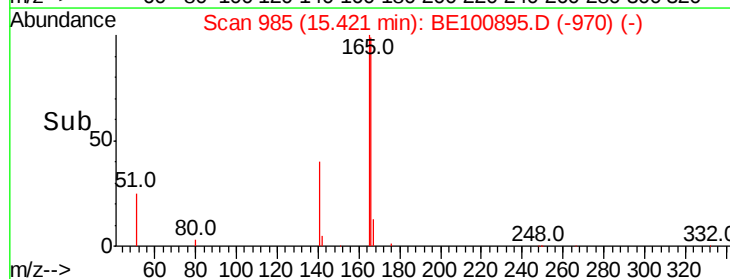
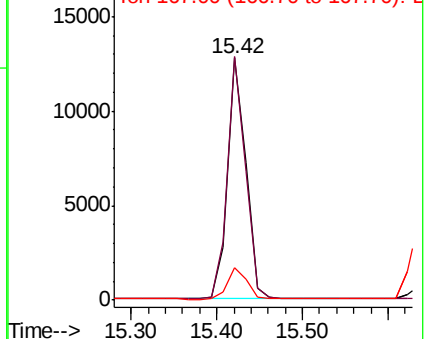
167 13.6 10.6 16.0

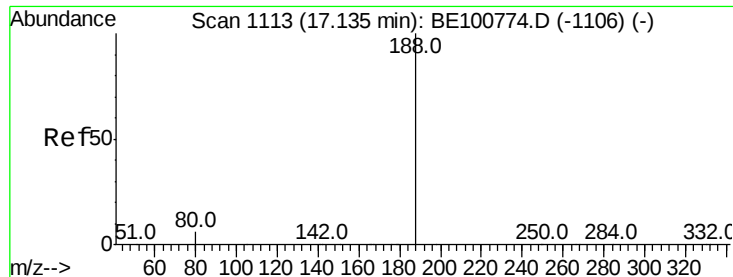


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

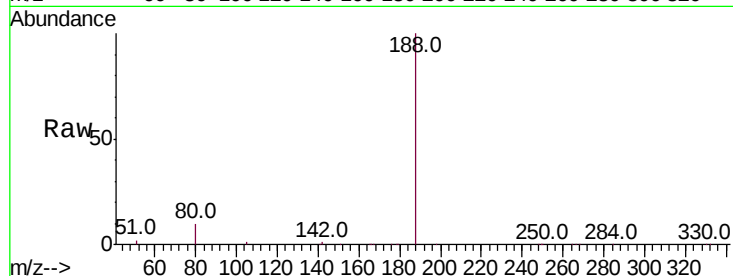
Tot Ion:188 Resp: 27192

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

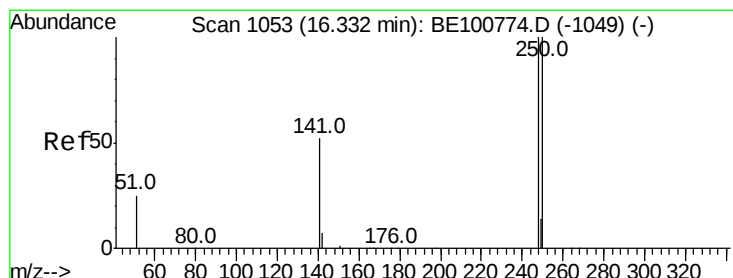
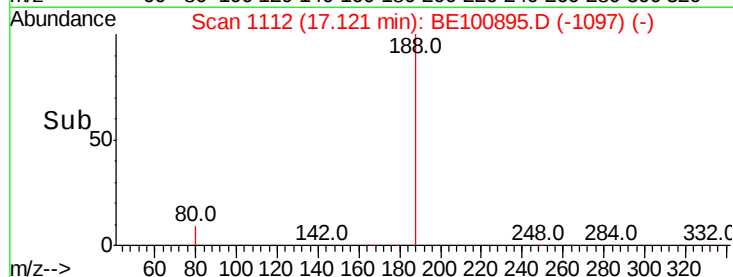
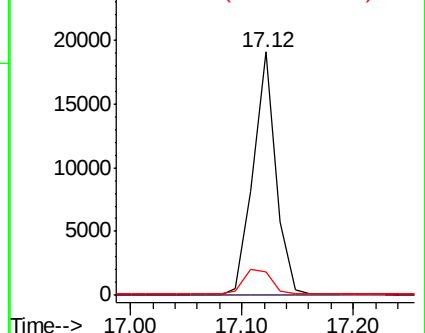
80 9.6 7.9 11.9



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: 0.415 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

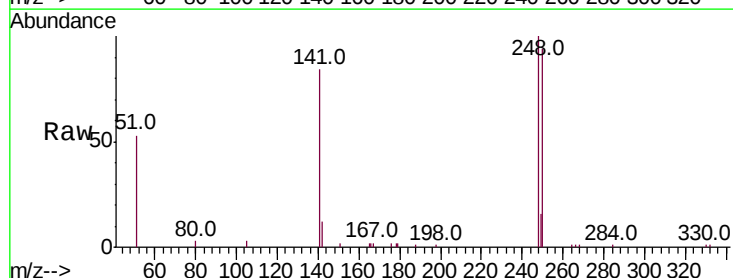
Tgt Ion:248 Resp: 5541

Ion Ratio Lower Upper

248 100

250 93.8 72.4 108.6

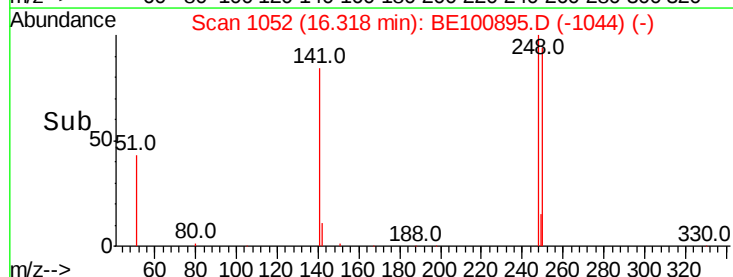
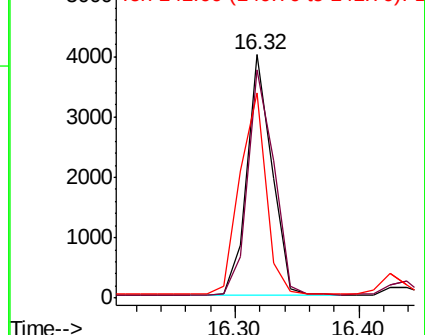
141 84.5 68.2 102.2

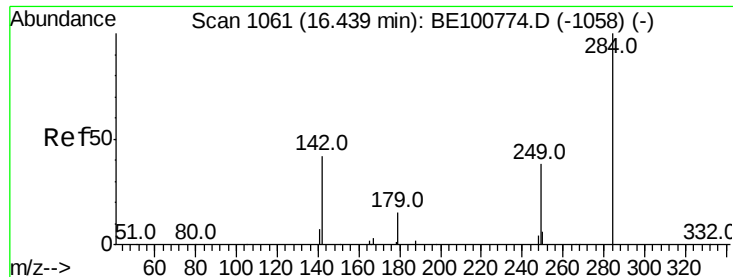


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.423 ng

RT: 16.44 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

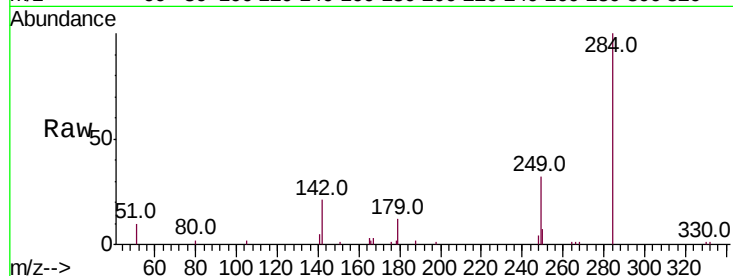
Tot Ion:284 Resp: 6134

Ion Ratio Lower Upper

284 100

142 44.6 35.0 52.4

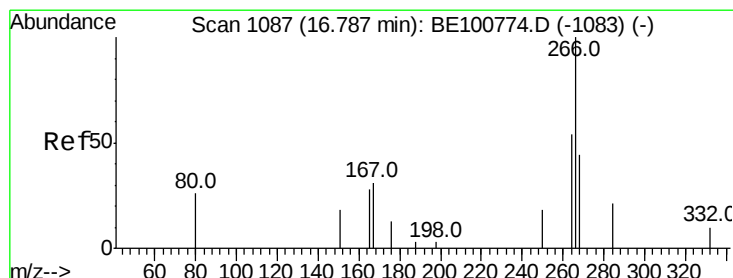
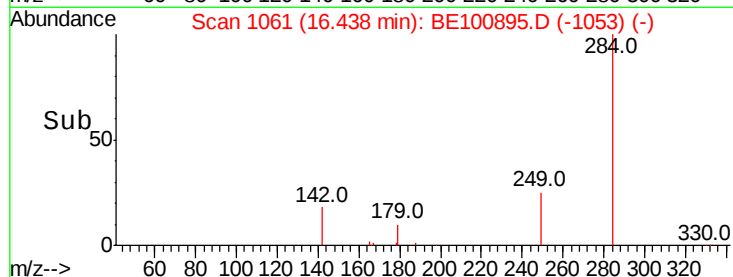
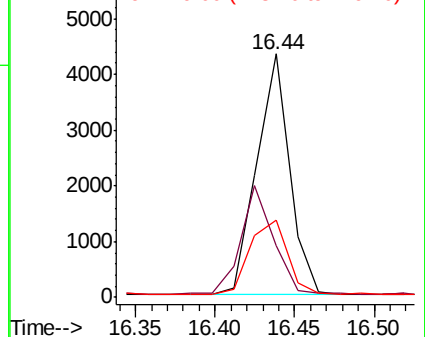
249 34.9 28.1 42.1



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: 0.775 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

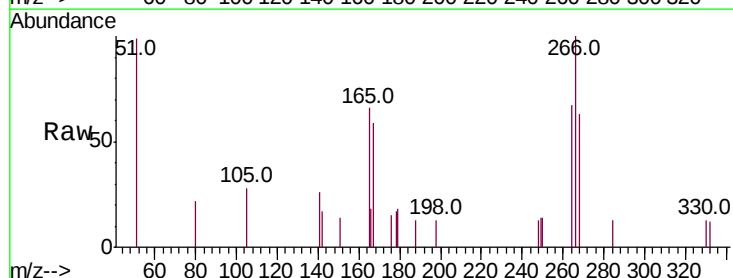
Tgt Ion:266 Resp: 777

Ion Ratio Lower Upper

266 100

264 66.9 55.1 82.7

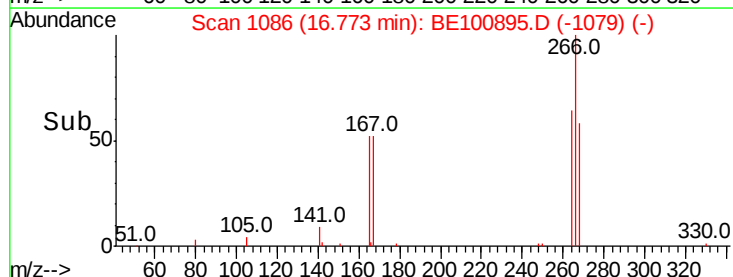
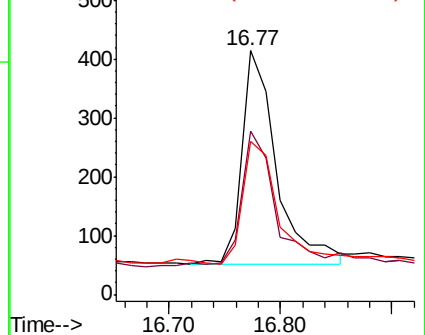
268 63.0 50.7 76.1

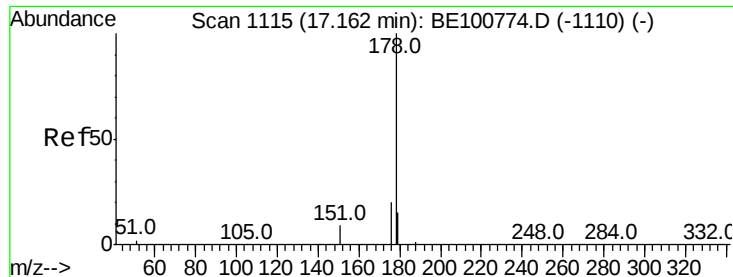


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.419 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

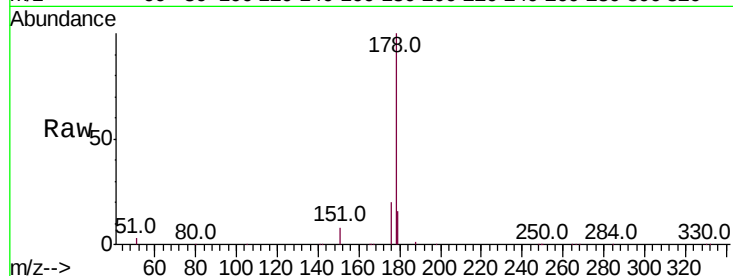
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 34486

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.6	11.9	17.9

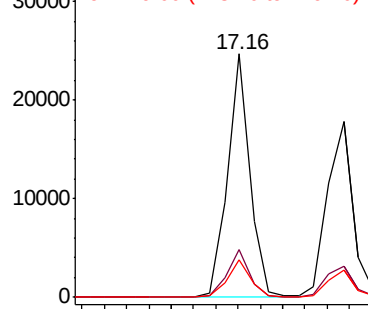


Abundance

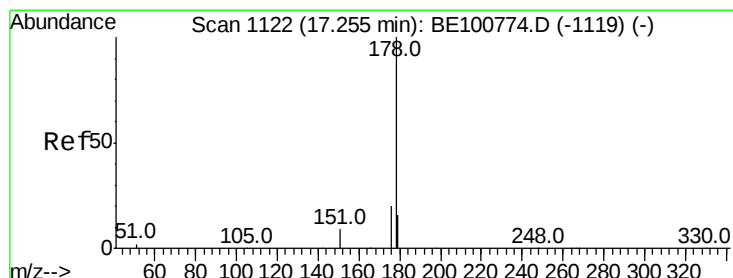
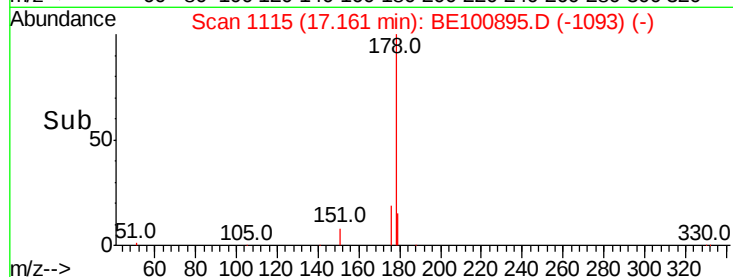
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.411 ng

RT: 17.25 min Scan# 1122

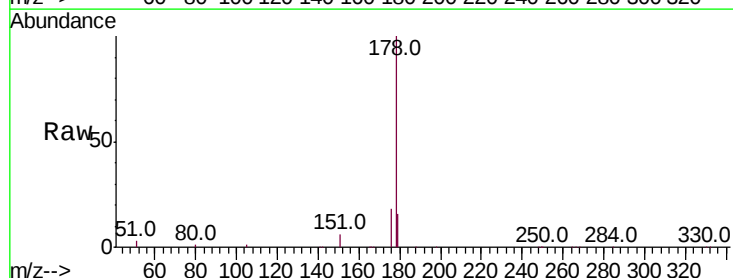
Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Tgt Ion:178 Resp: 28309

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.7	22.1
179	15.3	12.2	18.4

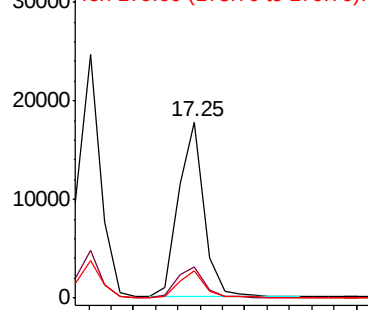


Abundance

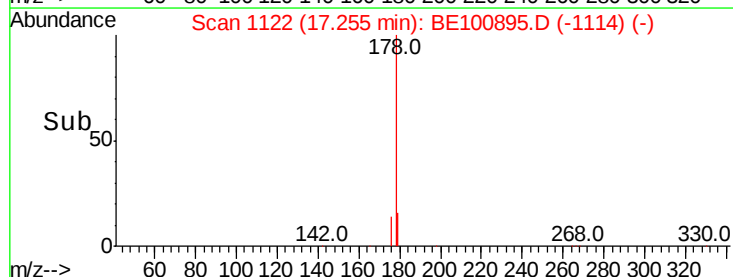
Ion 178.00 (177.70 to 178.70): E

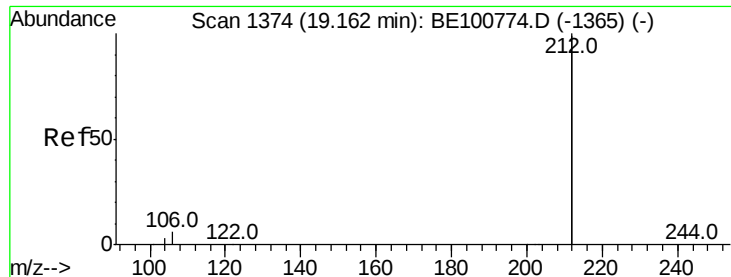
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.366 ng

RT: 19.15 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

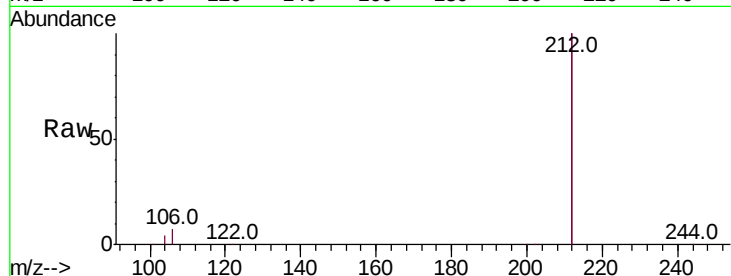
Tot Ion:212 Resp: 117591

Ion Ratio Lower Upper

212 100

106 3.5 2.6 4.0

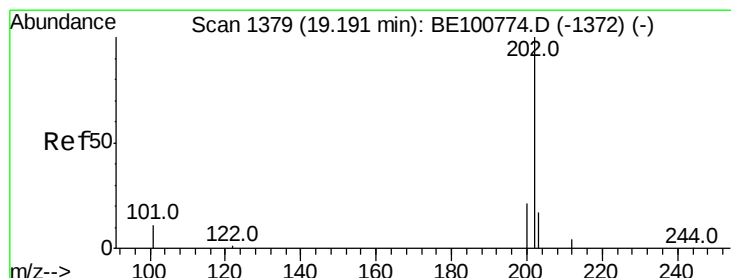
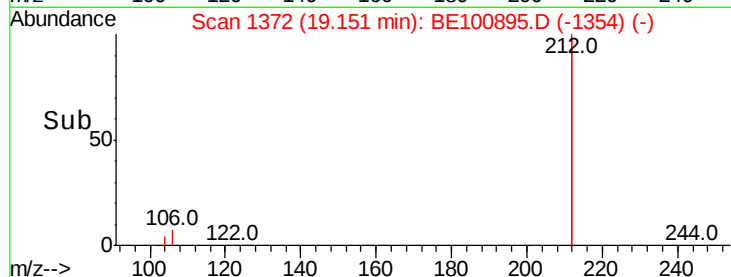
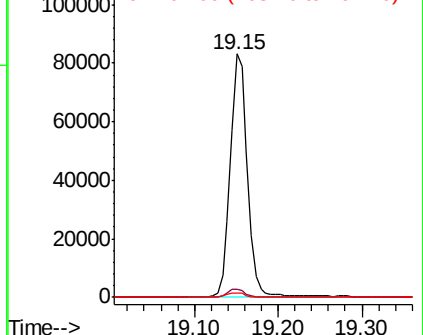
104 1.9 1.4 2.2



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: 0.378 ng

RT: 19.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

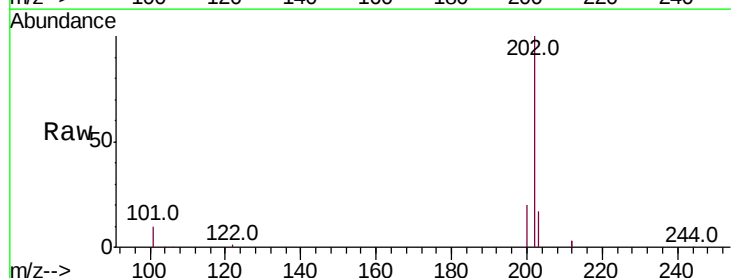
Tgt Ion:202 Resp: 37149

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

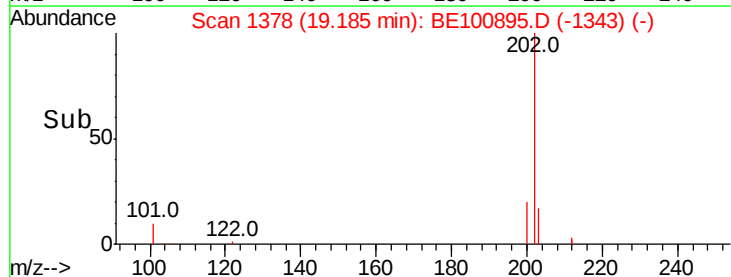
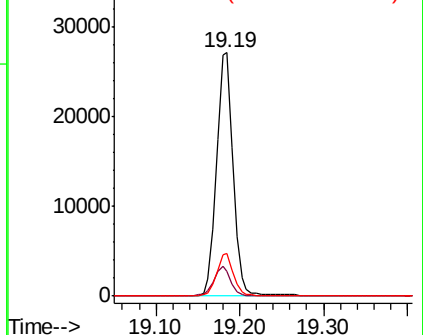
203 17.0 13.7 20.5

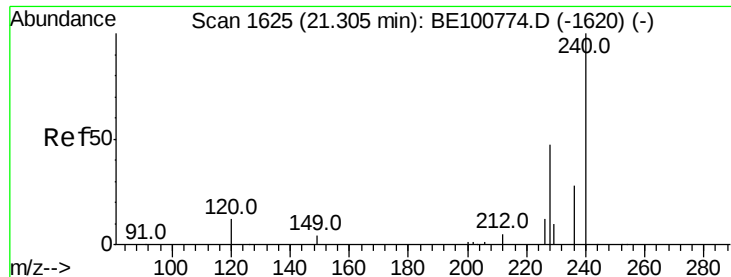


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

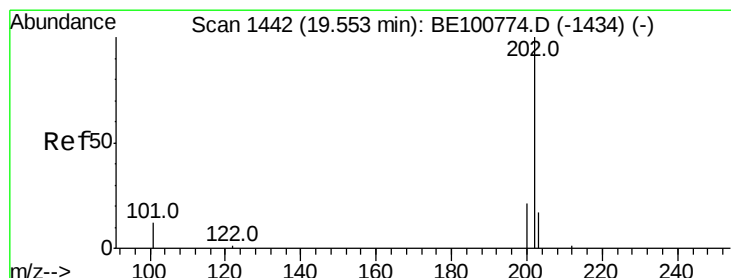
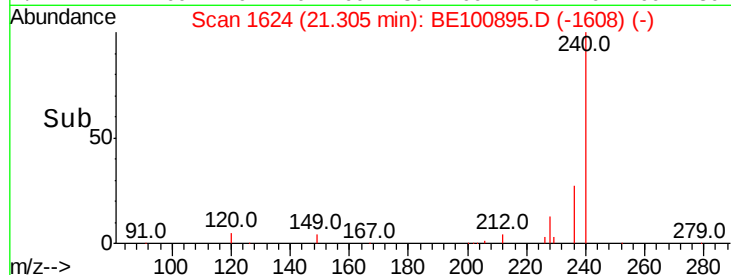
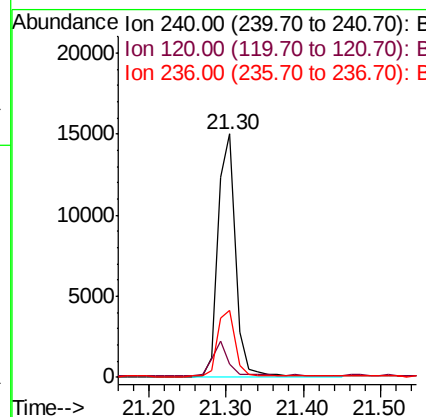
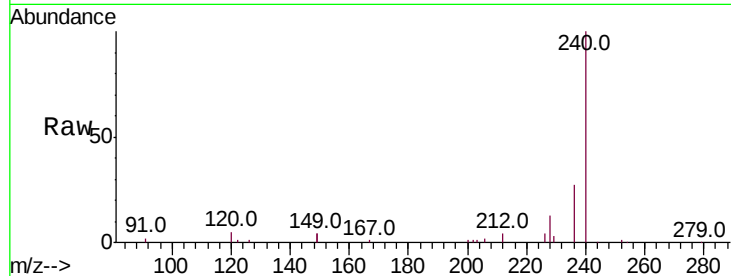




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.30 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100895.D
 Acq: 13 Dec 2019 20:10

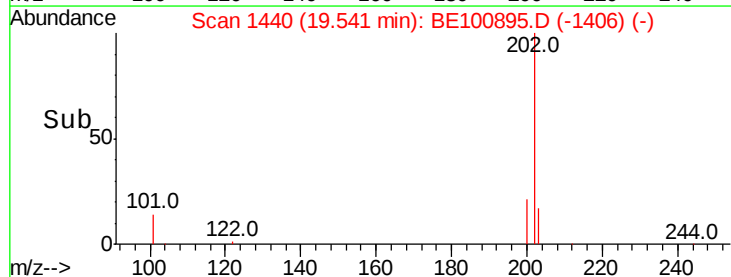
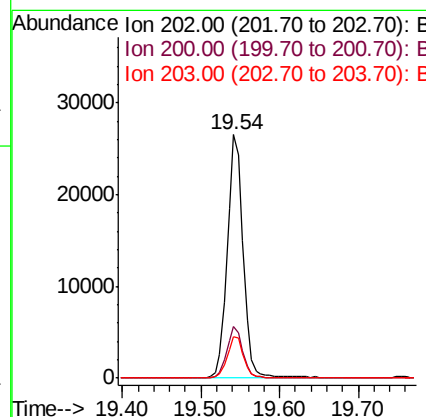
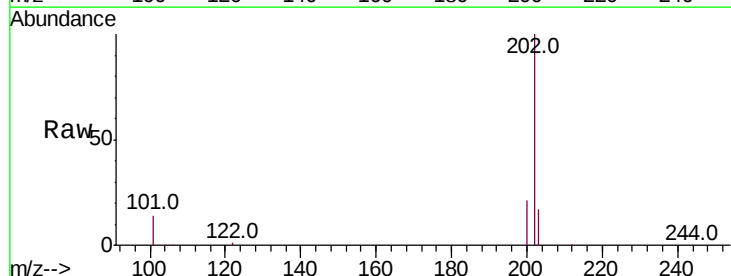
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

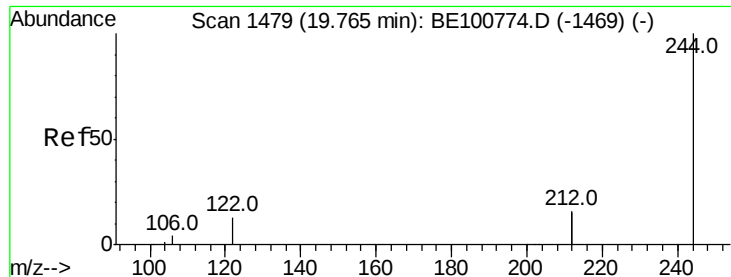
Tot Ion:240 Resp: 23576
 Ion Ratio Lower Upper
 240 100
 120 5.5 4.0 6.0
 236 27.2 21.6 32.4



#28
 Pyrene
 Concen: 0.477 ng
 RT: 19.54 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BE100895.D
 Acq: 13 Dec 2019 20:10

Tgt Ion:202 Resp: 36577
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.0 25.4
 203 17.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.423 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

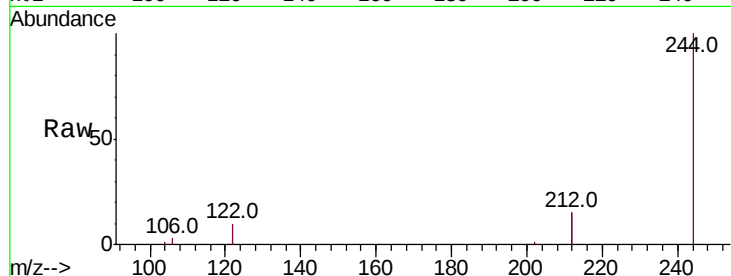
Tot Ion:244 Resp: 23873

Ion Ratio Lower Upper

244 100

212 29.5 25.2 37.8

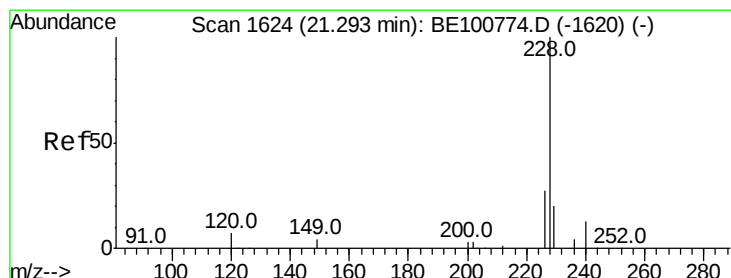
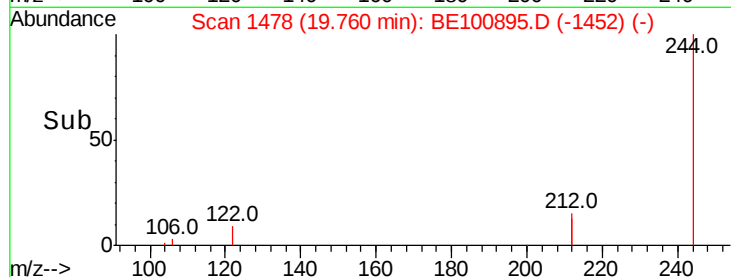
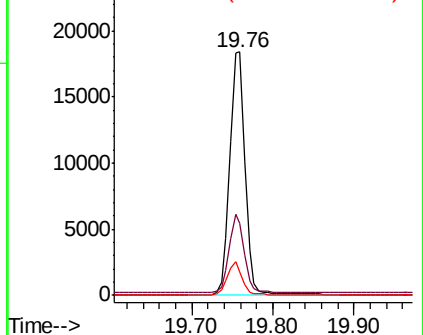
122 9.8 8.9 13.3



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: 0.461 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

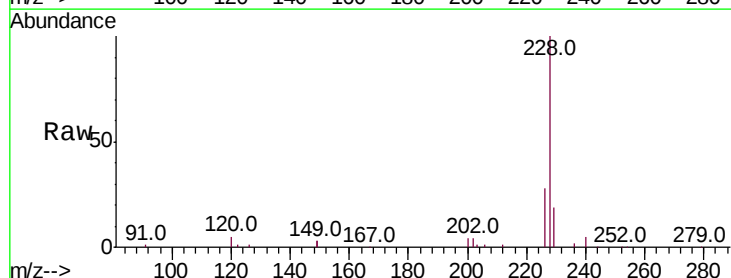
Tgt Ion:228 Resp: 32023

Ion Ratio Lower Upper

228 100

226 28.1 21.4 32.0

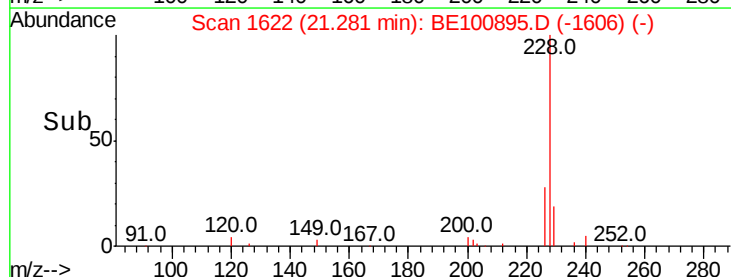
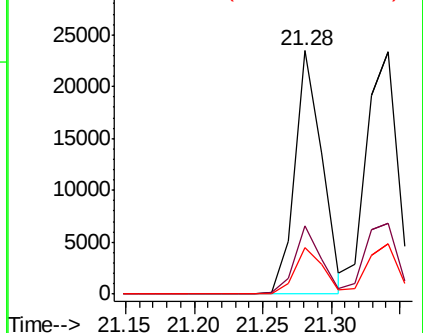
229 19.3 15.8 23.6

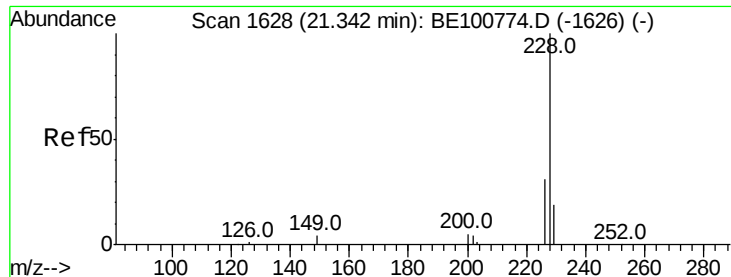


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.449 ng

RT: 21.34 min Scan# 1627

Delta R.T. 0.01 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

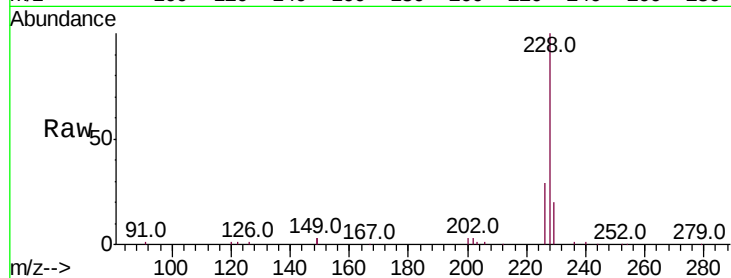
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 36635

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.3	37.9
229	20.5	15.2	22.8

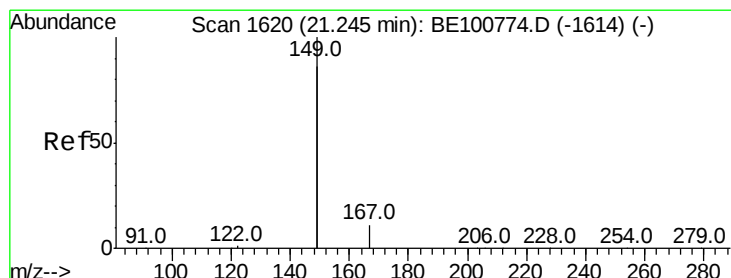
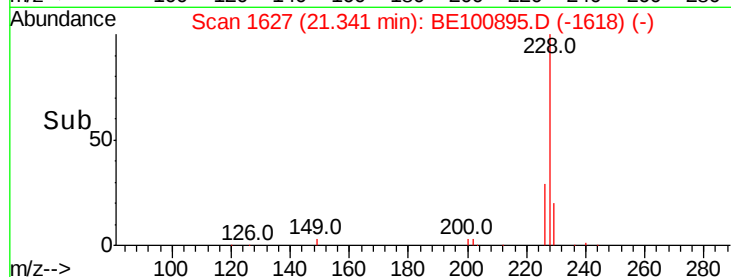
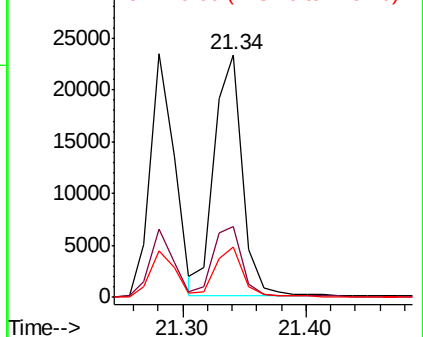


Abundance

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: 0.745 ng

RT: 21.23 min Scan# 1618

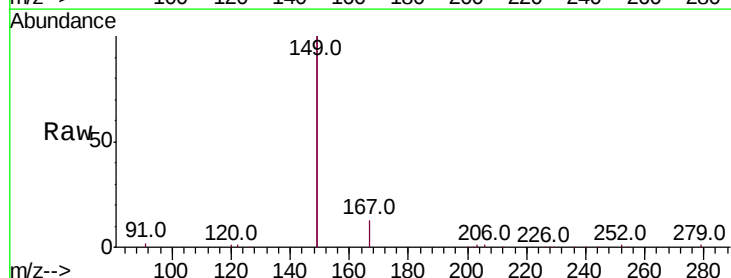
Delta R.T. -0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Tgt Ion:149 Resp: 37583

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.0	7.4
279	0.8	0.6	1.0

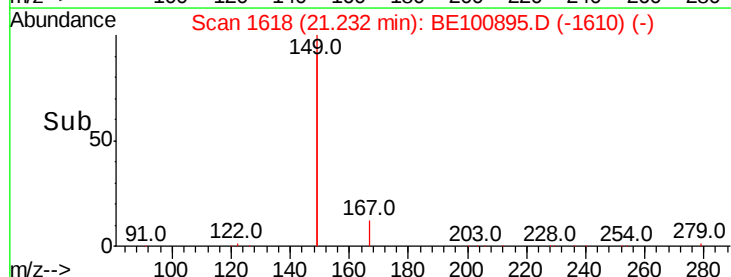
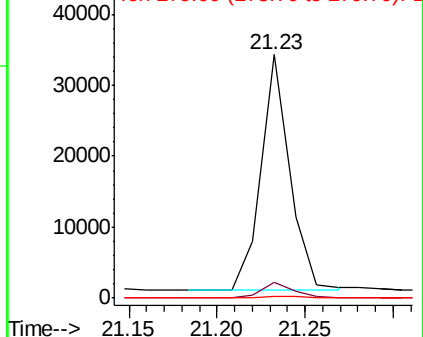


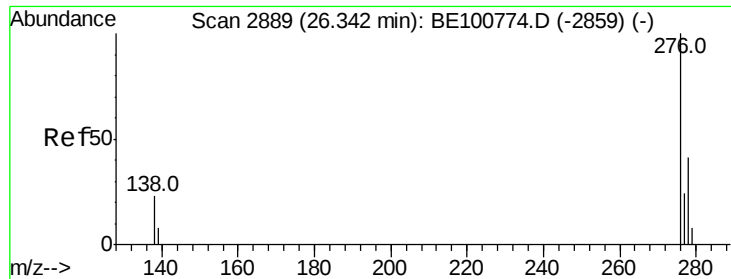
Abundance

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

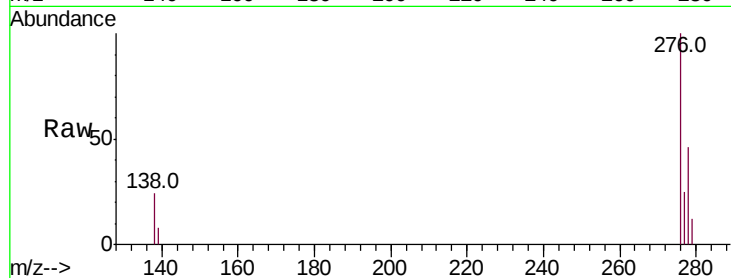




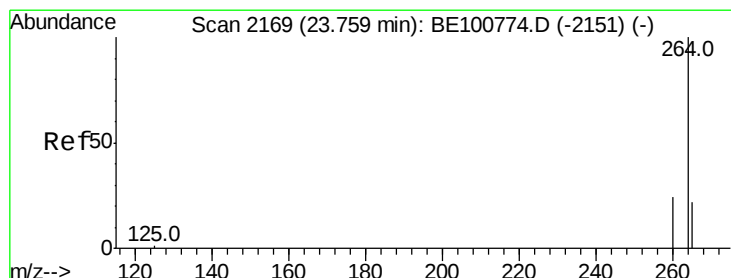
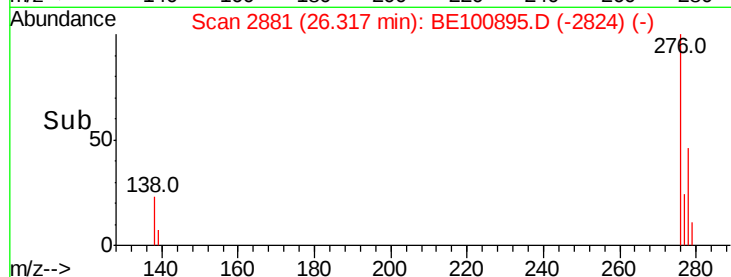
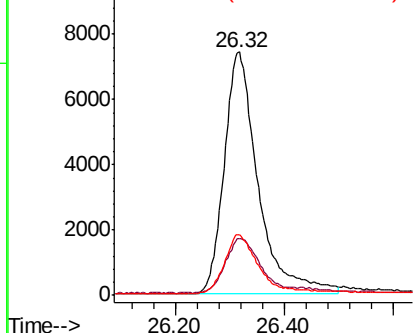
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.452 ng
 RT: 26.32 min Scan# 2881
 Delta R.T. 0.00 min
 Lab File: BE100895.D
 Acq: 13 Dec 2019 20:10

Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

Tot Ion:276 Resp: 32140
 Ion Ratio Lower Upper
 276 100
 138 22.8 18.4 27.6
 277 24.2 19.4 29.2

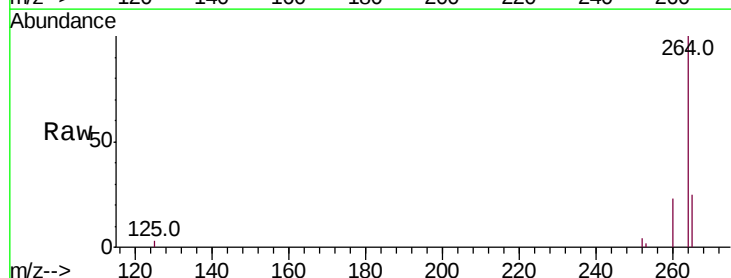


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

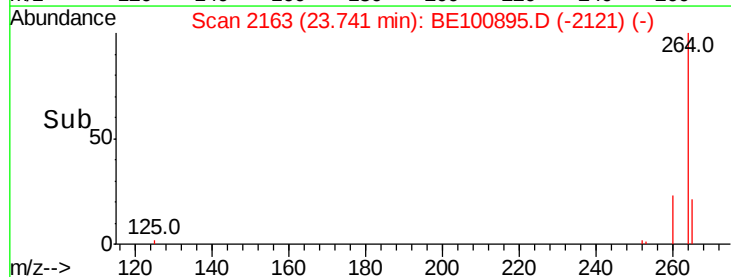
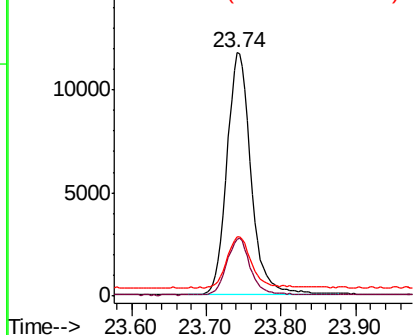


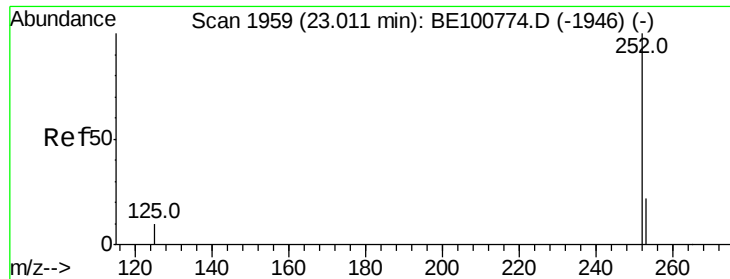
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.74 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BE100895.D
 Acq: 13 Dec 2019 20:10

Tgt Ion:264 Resp: 26472
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 24.5 20.1 30.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.415 ng

RT: 23.00 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

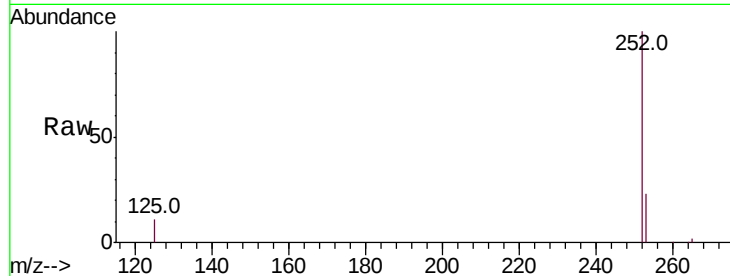
Tot Ion:252 Resp: 30107

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

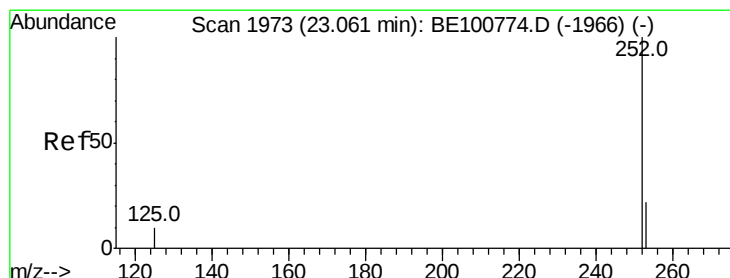
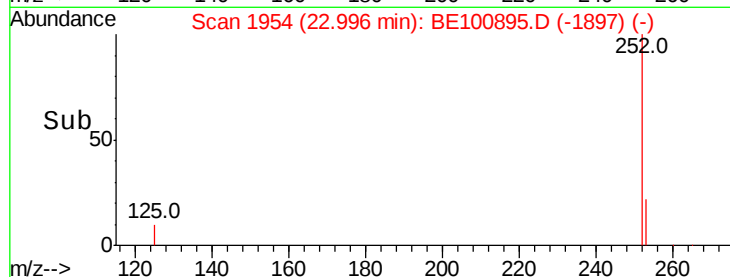
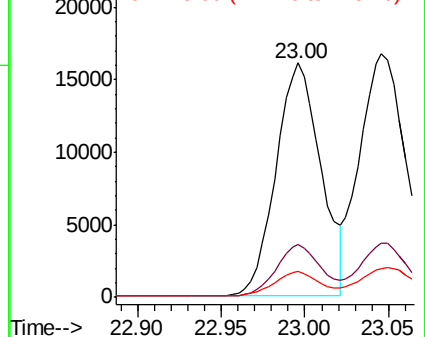
125 11.1 8.3 12.5



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: 0.419 ng

RT: 23.05 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

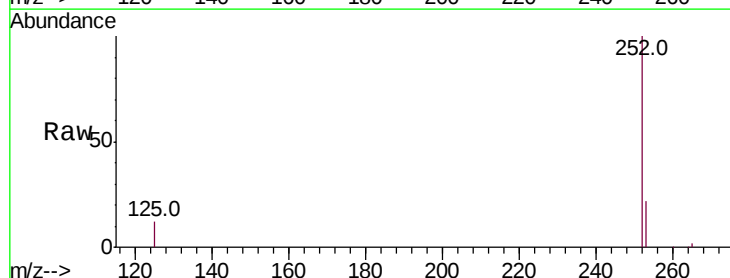
Tgt Ion:252 Resp: 34021

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

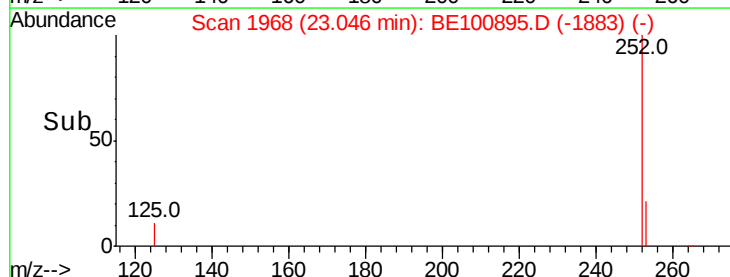
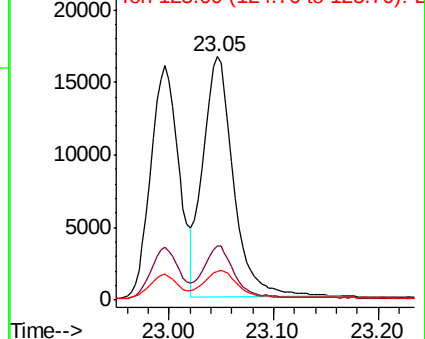
125 12.0 9.4 14.0

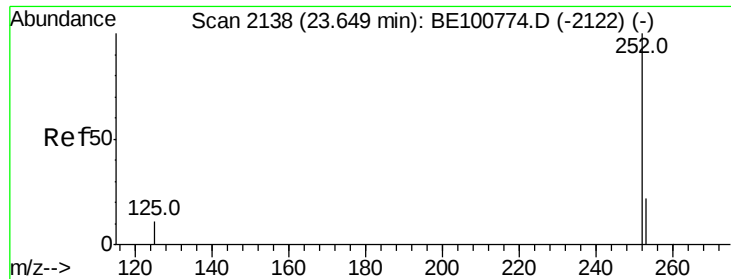


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.412 ng

RT: 23.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

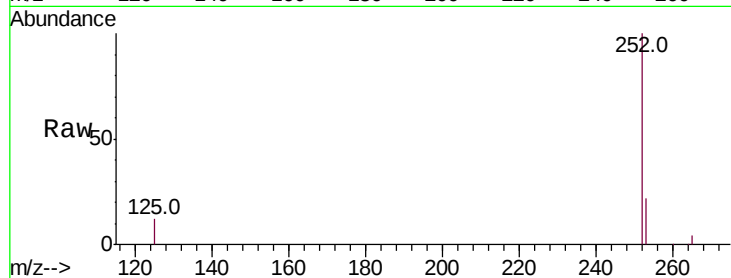
Tot Ion:252 Resp: 25824

Ion Ratio Lower Upper

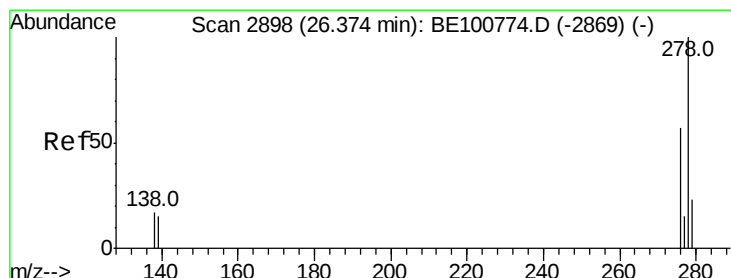
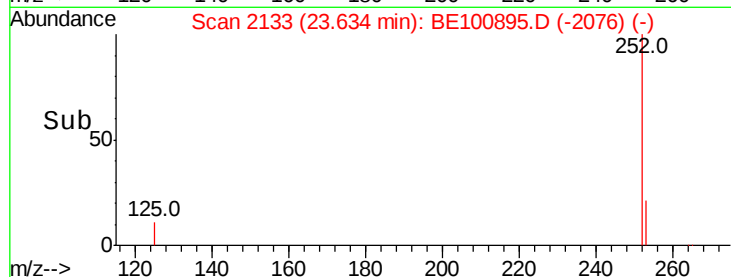
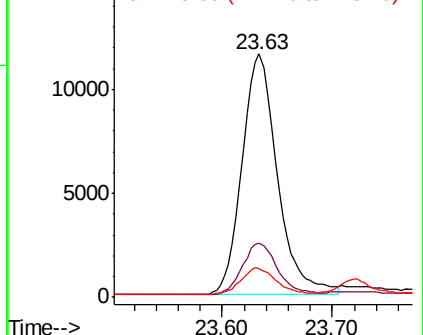
252 100

253 22.1 17.8 26.8

125 11.8 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: BE100895.D

Acq: 13 Dec 2019 20:10

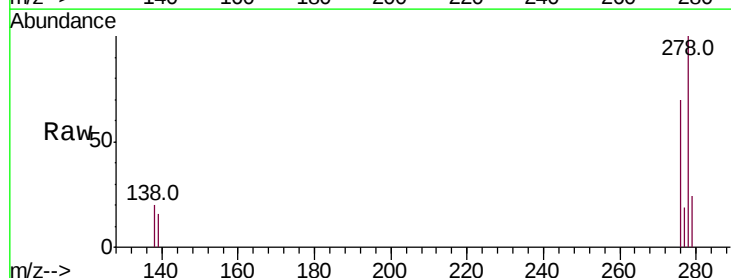
Tgt Ion:278 Resp: 25759

Ion Ratio Lower Upper

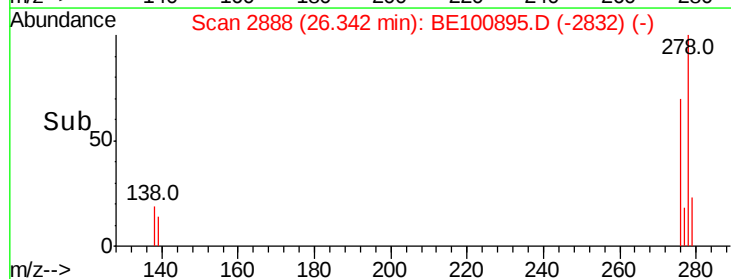
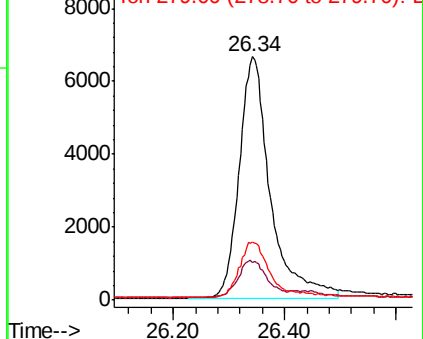
278 100

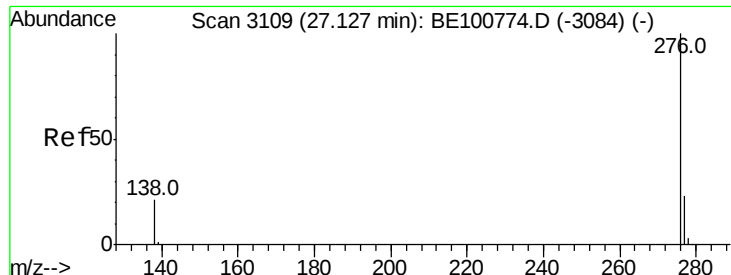
139 15.7 13.8 20.6

279 24.1 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: 0.412 ng

RT: 27.10 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BE100895.D

Acq: 13 Dec 2019 20:10

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

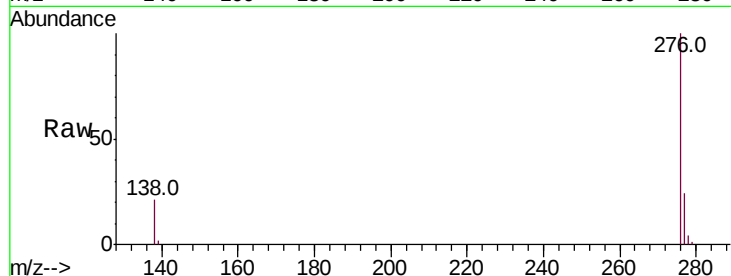
Tot Ion:276 Resp: 27480

Ion Ratio Lower Upper

276 100

277 23.8 19.7 29.5

138 20.9 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

