

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121719\
 Data File : BE100946.D
 Acq On : 17 Dec 2019 11:00
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Dec 17 17:34:26 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	4343	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	21282	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	13647	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32784	0.40	ng	0.00
27) Chrysene-d12	21.30	240	31318	0.40	ng	0.00
34) Perylene-d12	23.74	264	38182	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	6422	0.62	ng	-0.01
5) Phenol-d6	6.93	99	9513	0.61	ng	0.00
8) Nitrobenzene-d5	8.90	82	6980	0.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	14265	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	1483	0.98	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	19747	0.36	ng	0.00
25) Fluoranthene-d10	19.15	212	154490	0.40	ng	0.00
29) Terphenyl-d14	19.75	244	31533	0.42	ng	0.00

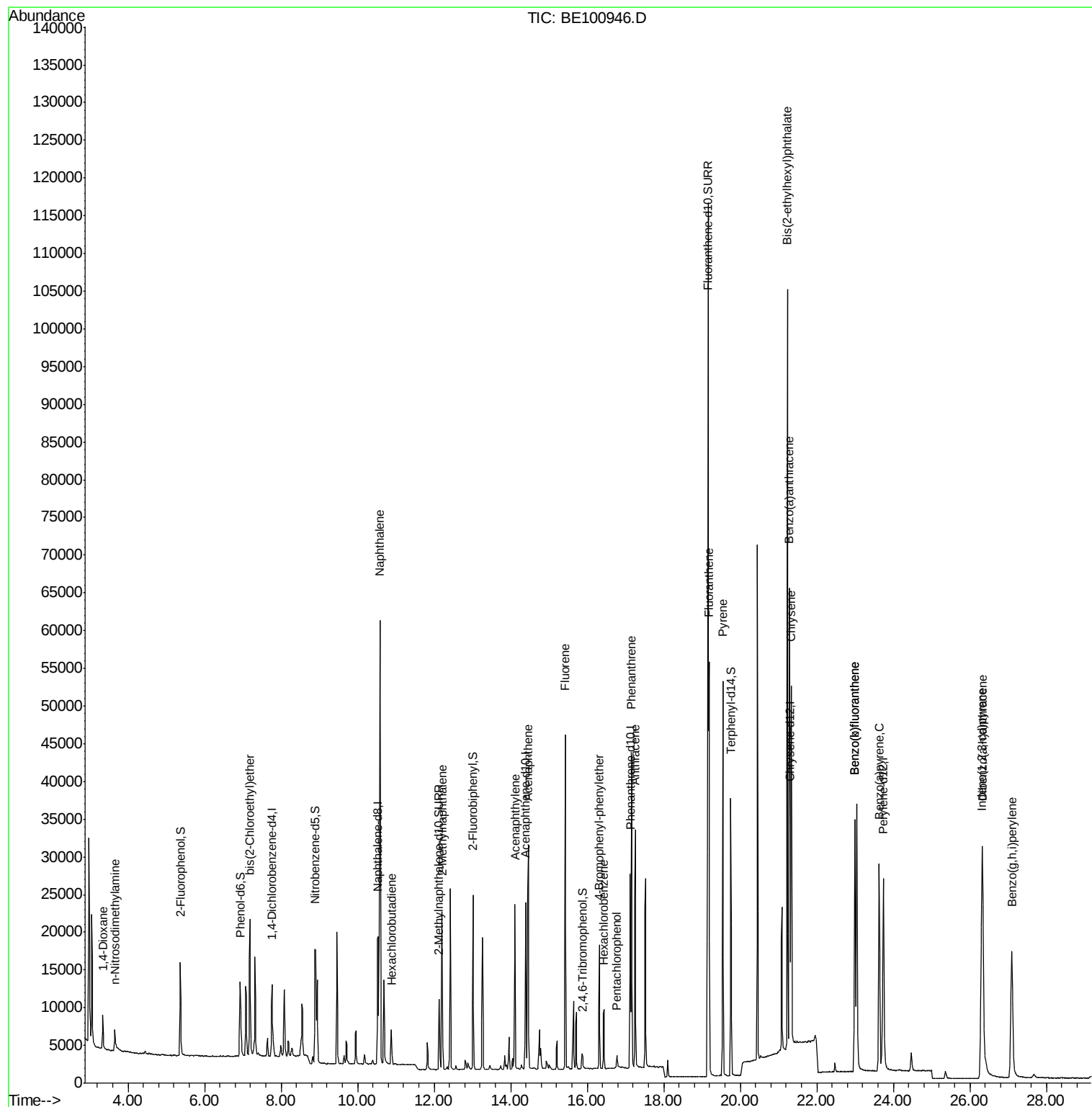
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	3369	0.425	ng	99
3) n-Nitrosodimethylamine	3.65	42	3014	0.468	ng	# 94
6) bis(2-Chloroethyl)ether	7.18	93	6976	0.464	ng	99
9) Naphthalene	10.58	128	99076	0.438	ng	100
10) Hexachlorobutadiene	10.89	225	3579	0.406	ng	98
12) 2-Methylnaphthalene	12.21	142	16898	0.479	ng	99
16) Acenaphthylene	14.11	152	26179	0.464	ng	99
17) Acenaphthene	14.46	154	16897	0.434	ng	99
18) Fluorene	15.42	166	22508	0.449	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	6695	0.416	ng	87
21) Hexachlorobenzene	16.44	284	6660	0.381	ng	99
22) Pentachlorophenol	16.77	266	1086	0.899	ng	100
23) Phenanthrene	17.16	178	40913	0.412	ng	99
24) Anthracene	17.26	178	35458	0.427	ng	99
26) Fluoranthene	19.18	202	47585	0.402	ng	99
28) Pyrene	19.55	202	48028	0.472	ng	100
30) Benzo(a)anthracene	21.28	228	47284	0.512	ng	99
31) Chrysene	21.33	228	48114	0.444	ng	100
32) Bis(2-ethylhexyl)phthalate	21.23	149	103872	1.347	ng	99
33) Indeno(1,2,3-cd)pyrene	26.31	276	51659	0.547	ng	98
35) Benzo(b)fluoranthene	22.99	252	45786	0.438	ng	99
36) Benzo(k)fluoranthene	22.99	252	45786	0.391	ng	100
37) Benzo(a)pyrene	23.63	252	44154	0.488	ng	99
38) Dibenzo(a,h)anthracene	26.33	278	41173	0.457	ng	99
39) Benzo(g,h,i)perylene	27.09	276	43477	0.452	ng	99

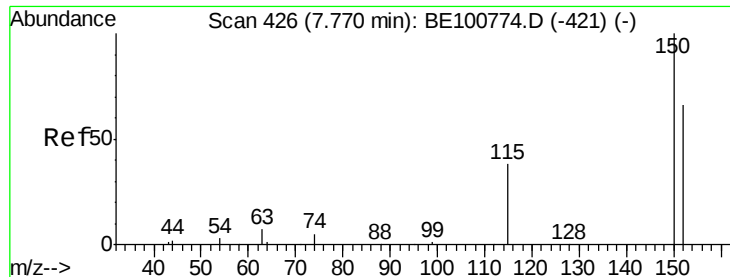
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
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Quant Time: Dec 17 17:34:26 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: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

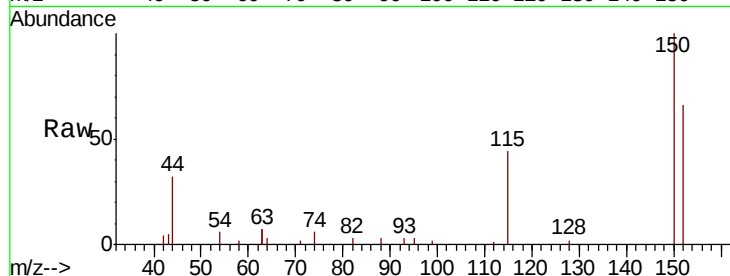
Tot Ion:152 Resp: 4343

Ion Ratio Lower Upper

152 100

150 151.7 125.5 188.3

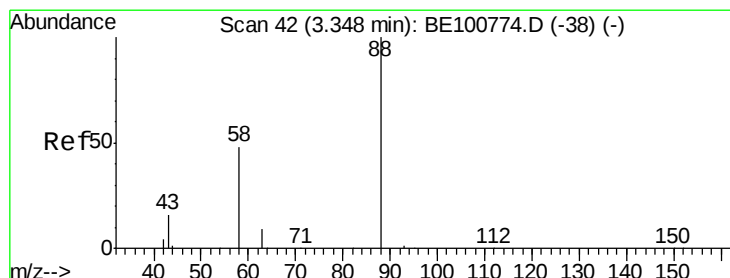
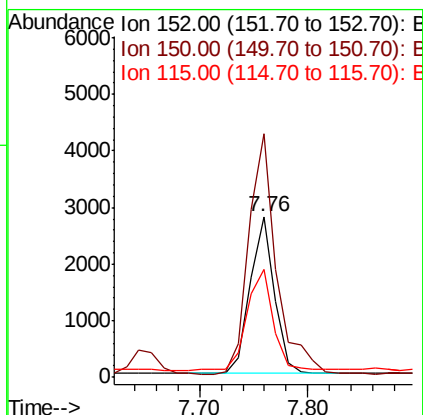
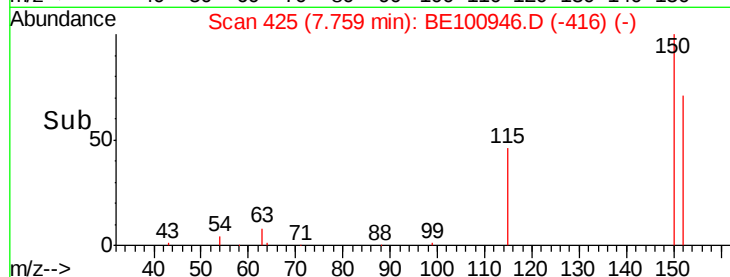
115 66.9 55.7 83.5



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: 0.425 ng

RT: 3.34 min Scan# 41

Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

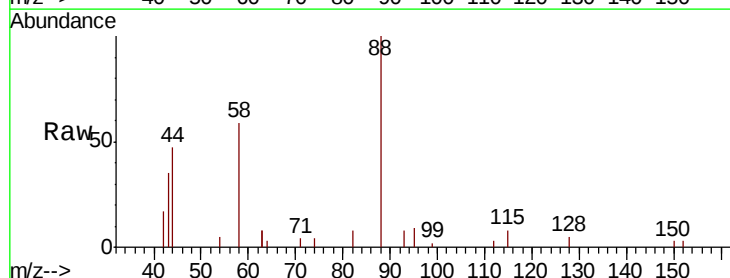
Tgt Ion: 88 Resp: 3369

Ion Ratio Lower Upper

88 100

58 66.3 52.3 78.5

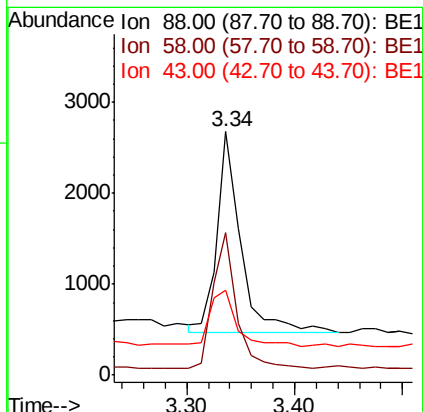
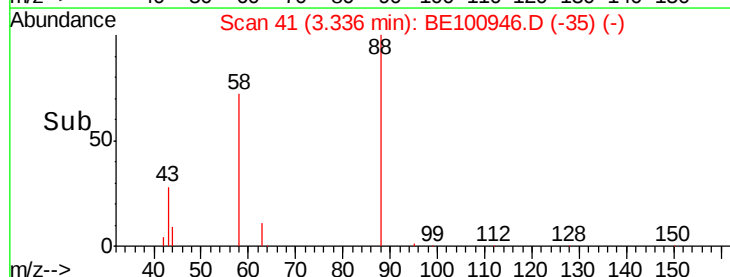
43 29.4 23.5 35.3

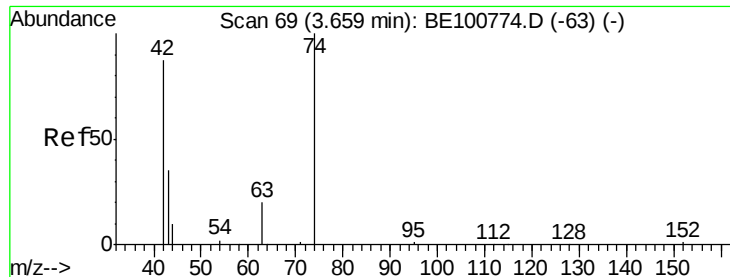


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.468 ng

RT: 3.65 min Scan# 68

Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

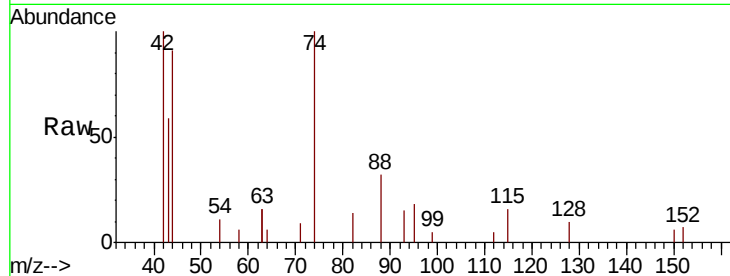
Tot Ion: 42 Resp: 3014

Ion Ratio Lower Upper

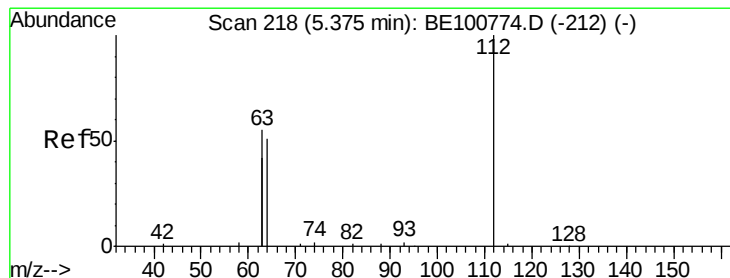
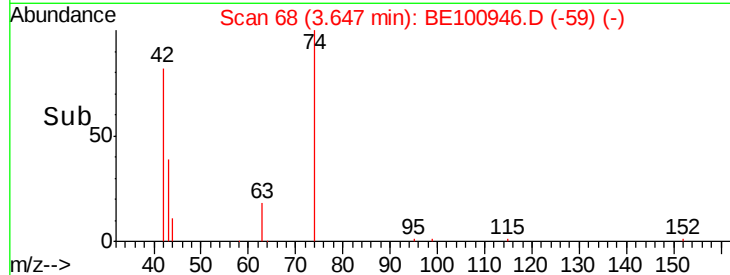
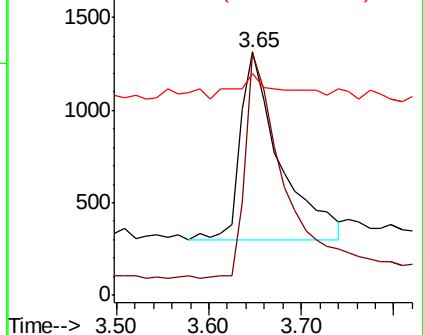
42 100

74 118.9 90.3 135.5

44 13.9 9.0 13.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.623 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

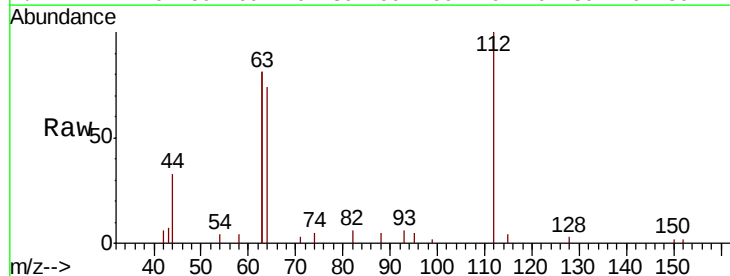
Tgt Ion: 112 Resp: 6422

Ion Ratio Lower Upper

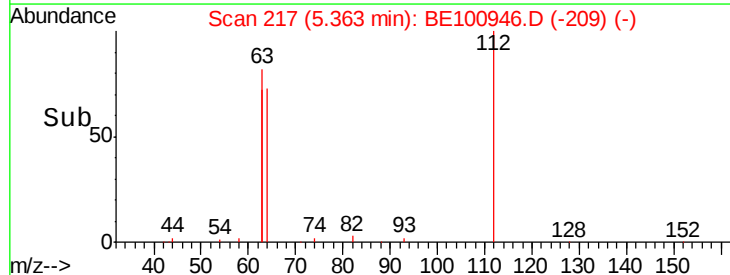
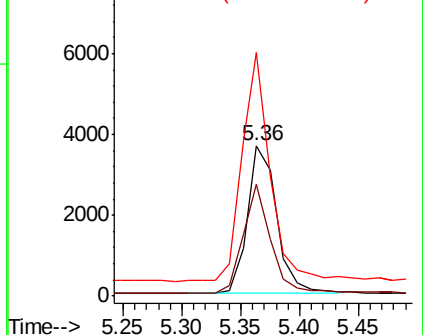
112 100

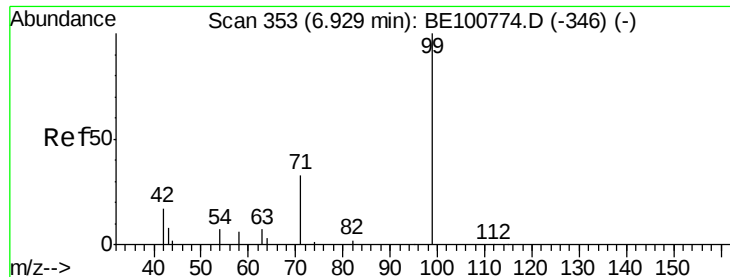
64 68.6 54.5 81.7

63 143.8 116.1 174.1



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: 0.611 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

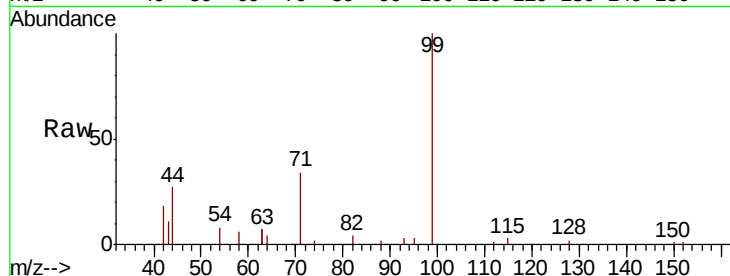
Tot Ion: 99 Resp: 9513

Ion Ratio Lower Upper

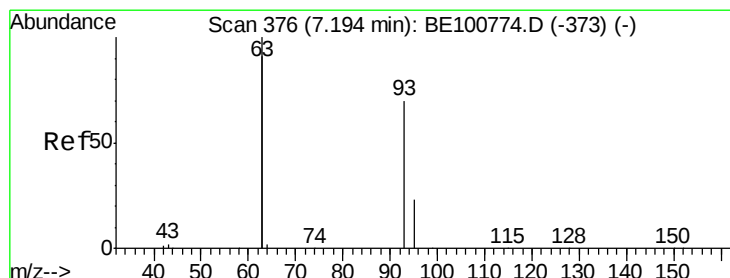
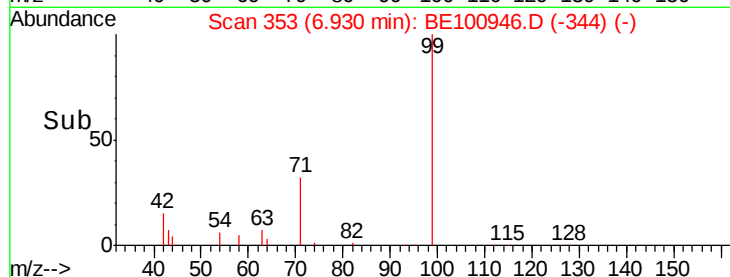
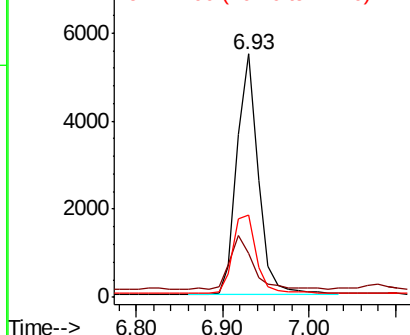
99 100

42 23.3 18.2 27.2

71 36.3 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: 0.464 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

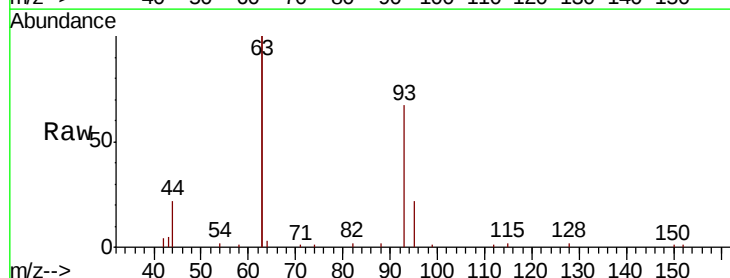
Tgt Ion: 93 Resp: 6976

Ion Ratio Lower Upper

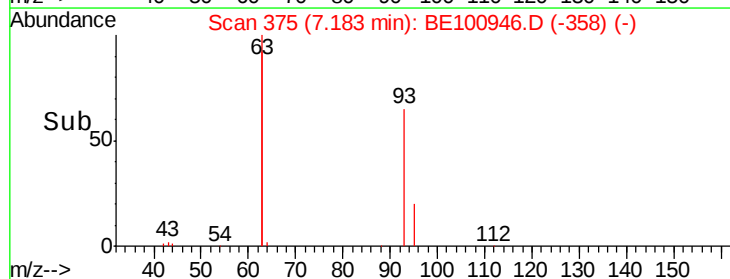
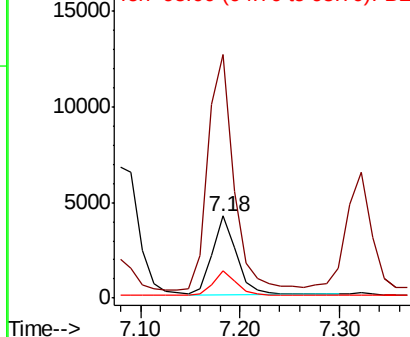
93 100

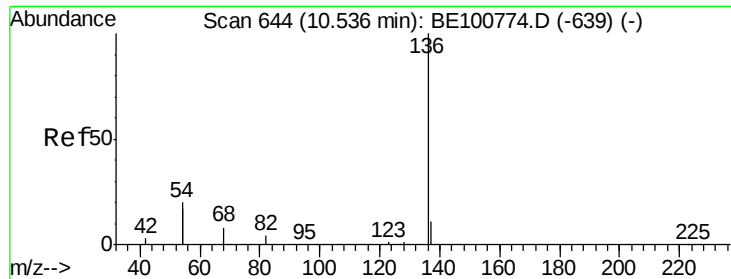
63 315.4 253.9 380.9

95 30.5 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: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 21282

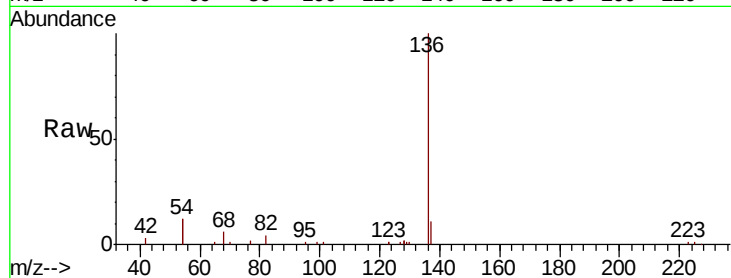
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 23.2 18.9 28.3

68 5.5 4.6 6.8

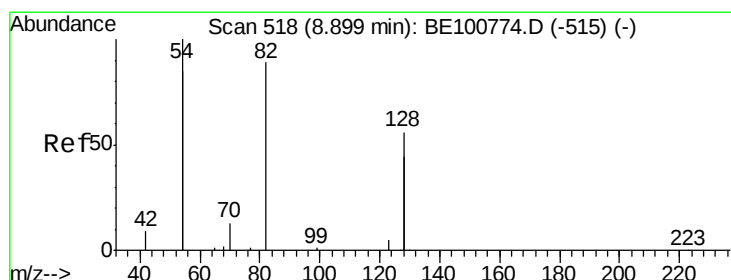
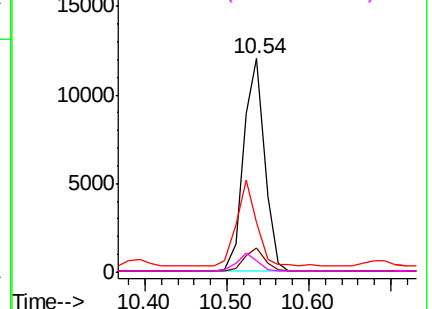
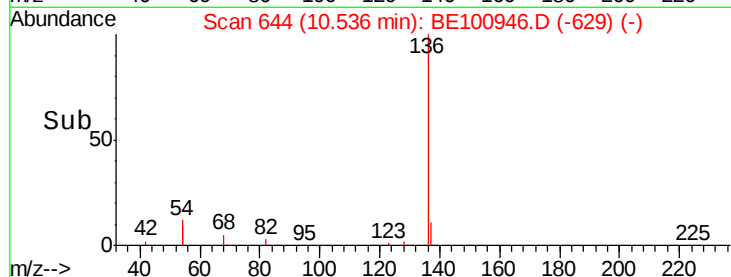


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.689 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

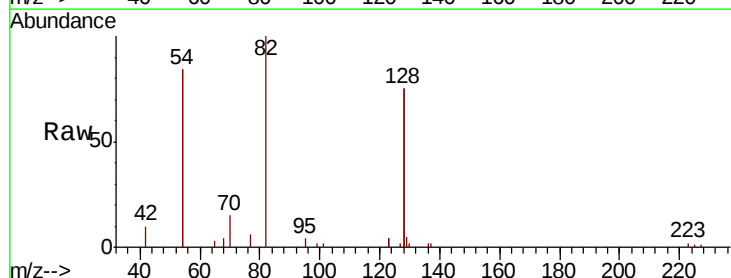
Tgt Ion: 82 Resp: 6980

Ion Ratio Lower Upper

82 100

128 150.0 113.5 170.3

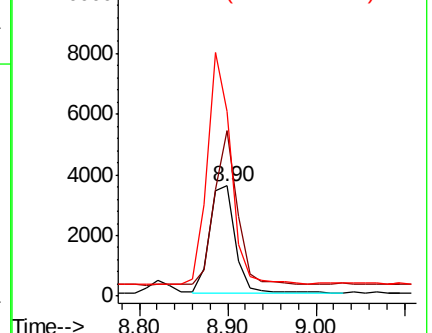
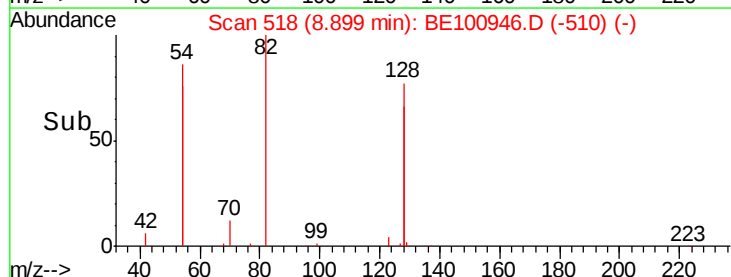
54 167.4 138.9 208.3

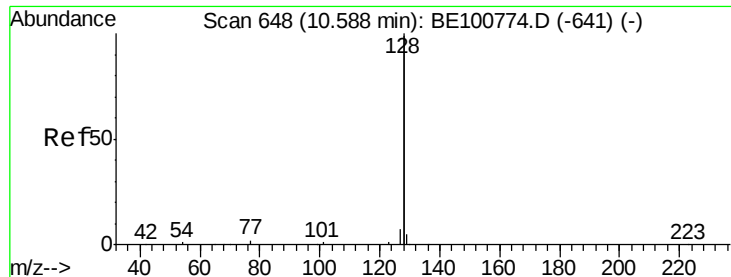


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.438 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

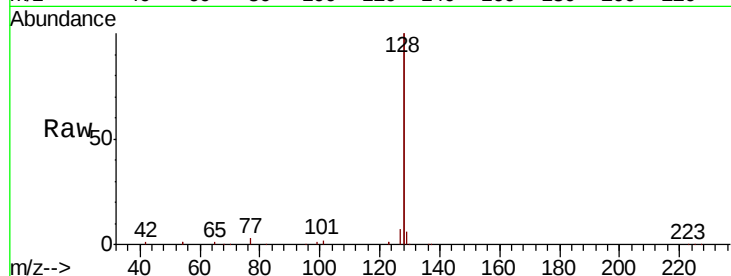
Tot Ion:128 Resp: 99076

Ion Ratio Lower Upper

128 100

129 2.9 2.2 3.4

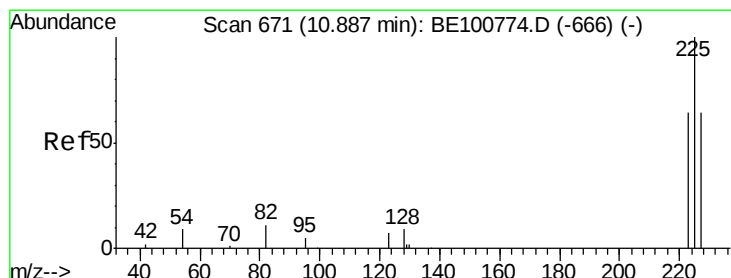
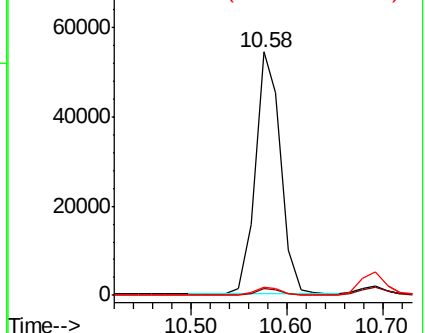
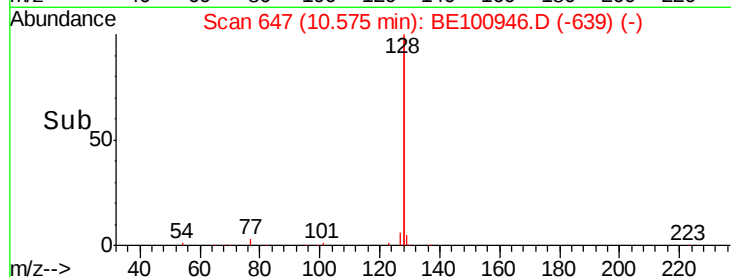
127 3.3 2.8 4.2



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: 0.406 ng

RT: 10.89 min Scan# 671

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

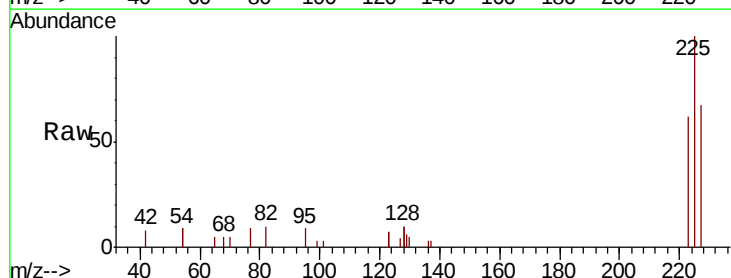
Tgt Ion:225 Resp: 3579

Ion Ratio Lower Upper

225 100

223 63.6 52.1 78.1

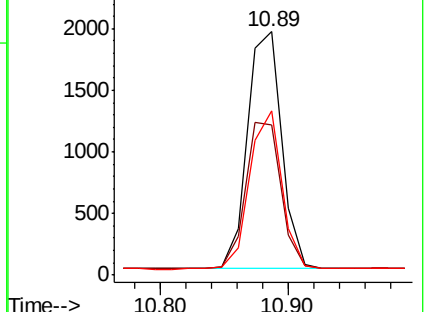
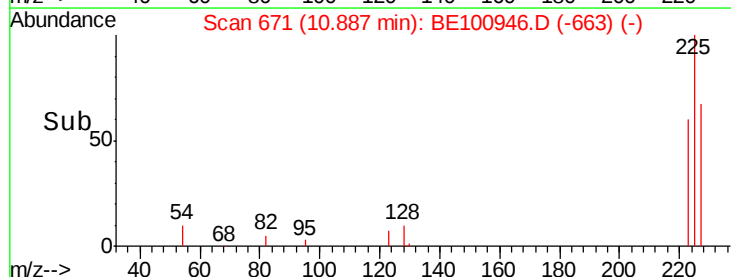
227 62.8 51.1 76.7

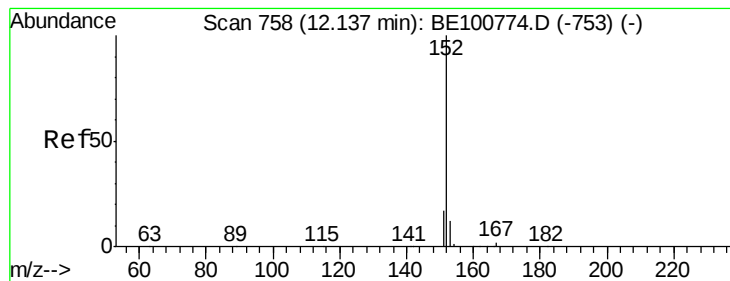


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.463 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.01 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

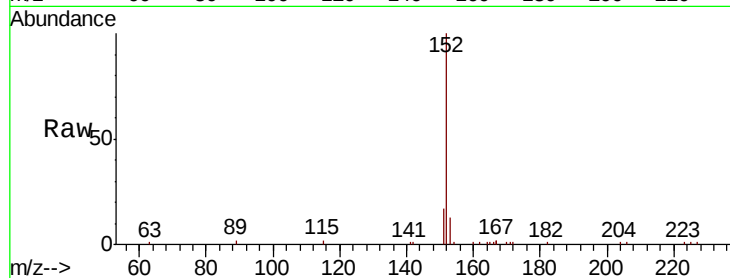
SSTDCCC0.4

Tot Ion:152 Resp: 14265

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

12.12

8000

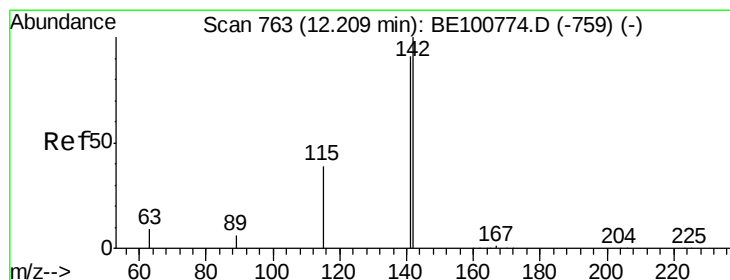
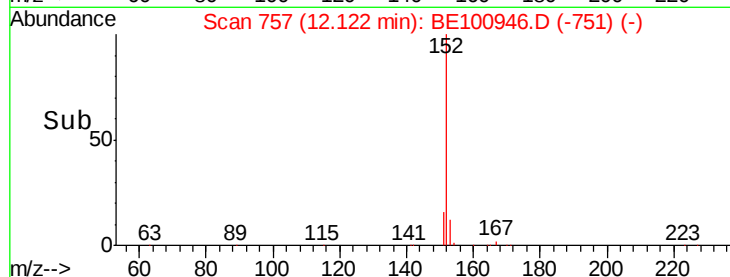
6000

4000

2000

0

Time--> 12.00 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.479 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

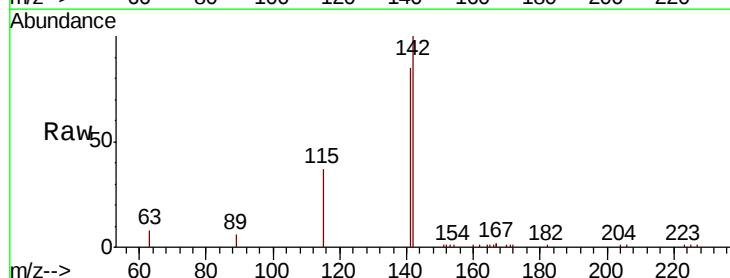
Tgt Ion:142 Resp: 16898

Ion Ratio Lower Upper

142 100

141 84.6 68.9 103.3

115 37.3 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

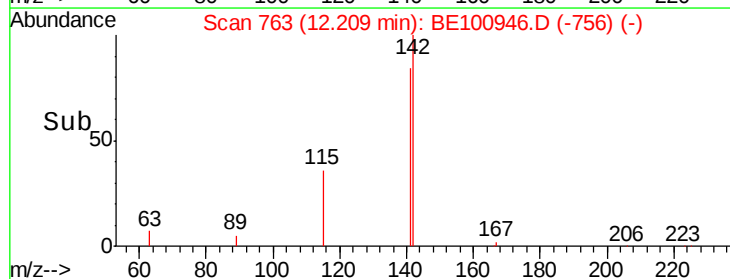
6000

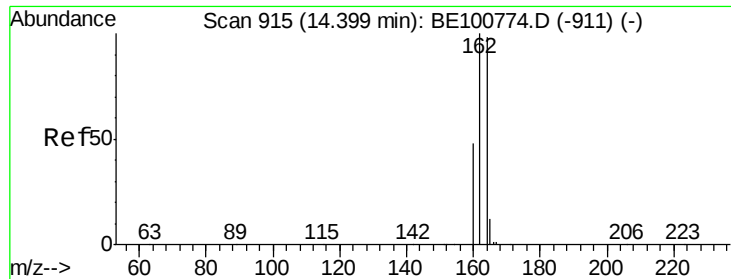
4000

2000

0

Time--> 12.10 12.20 12.30

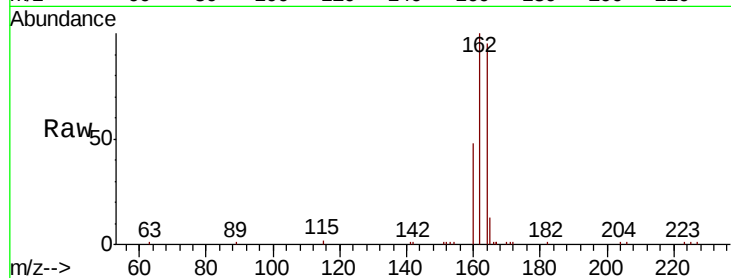




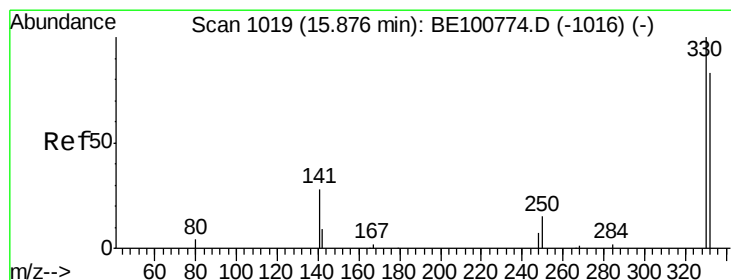
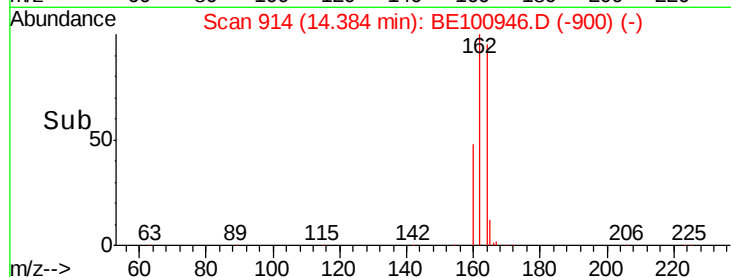
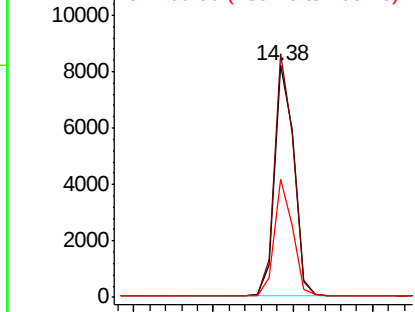
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.38 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100946.D
 Acq: 17 Dec 2019 11:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDC00.4

Tot Ion:164 Resp: 13647
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.0 129.0
 160 50.8 42.3 63.5

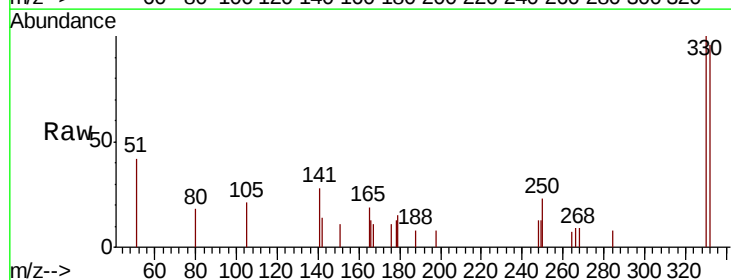


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

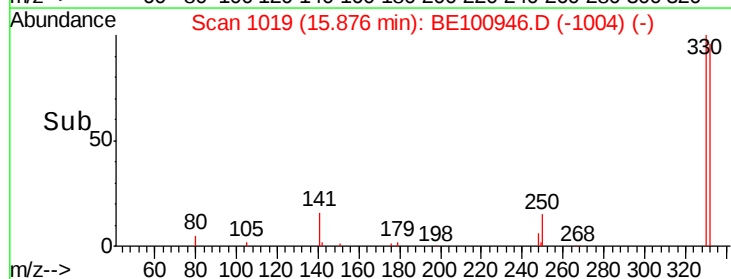
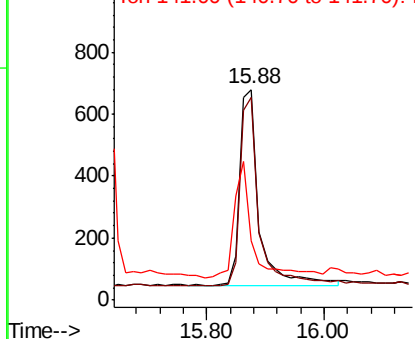


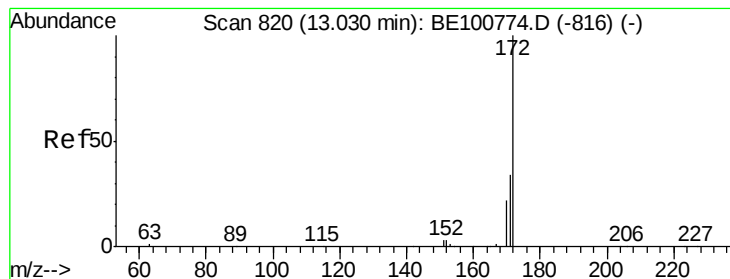
#14
 2,4,6-Tribromophenol
 Concen: 0.977 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BE100946.D
 Acq: 17 Dec 2019 11:00

Tgt Ion:330 Resp: 1483
 Ion Ratio Lower Upper
 330 100
 332 92.8 74.1 111.1
 141 55.6 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: 0.365 ng

RT: 13.02 min Scan# 819

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

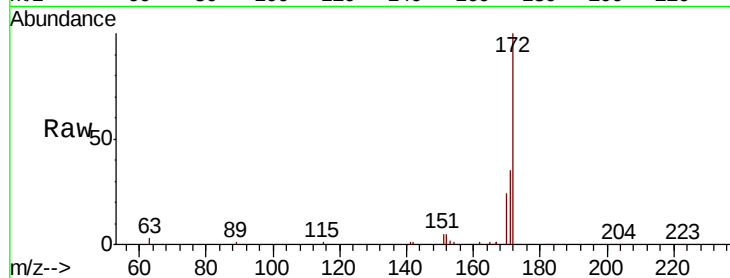
Tot Ion:172 Resp: 19747

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

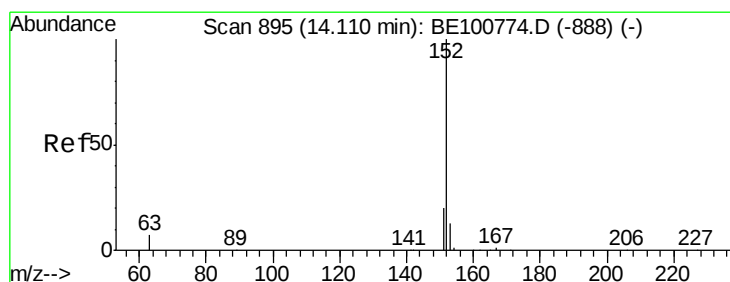
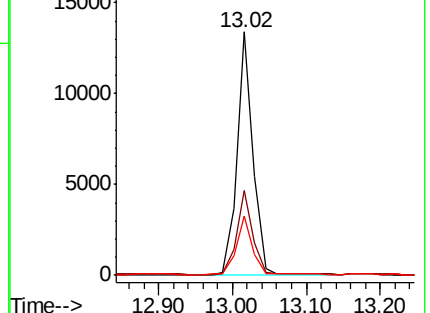
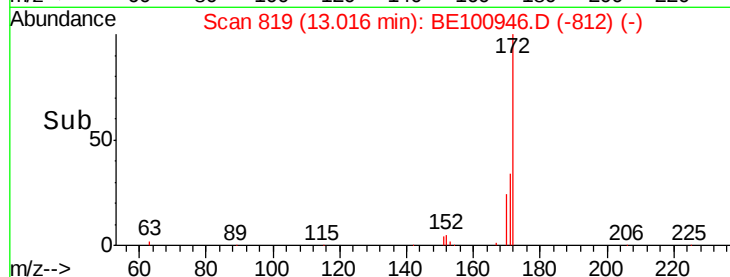
170 24.1 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.464 ng

RT: 14.11 min Scan# 895

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

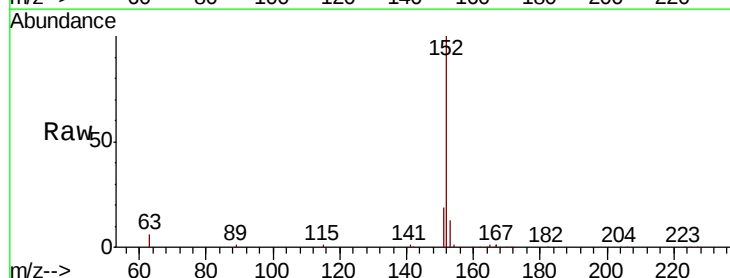
Tgt Ion:152 Resp: 26179

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

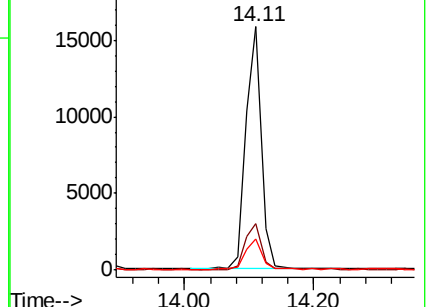
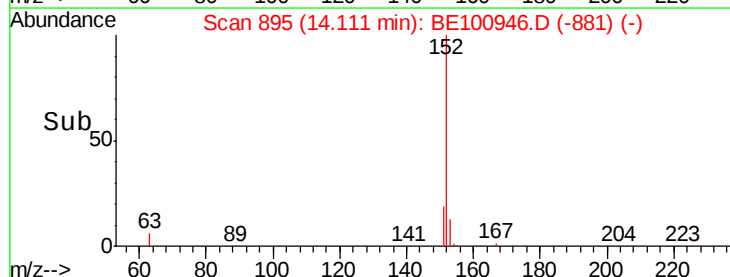
153 12.8 10.5 15.7

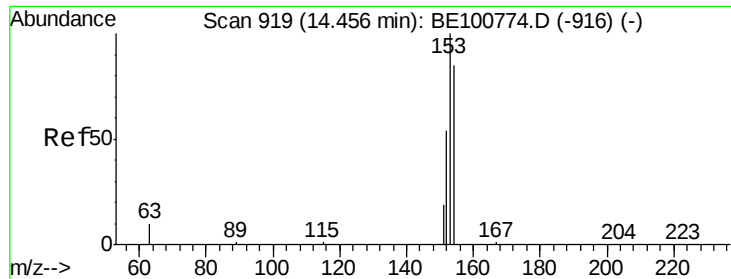


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

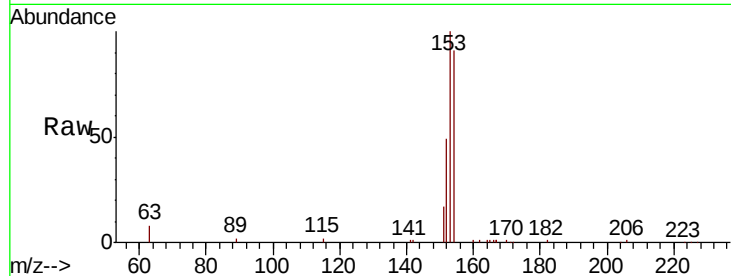




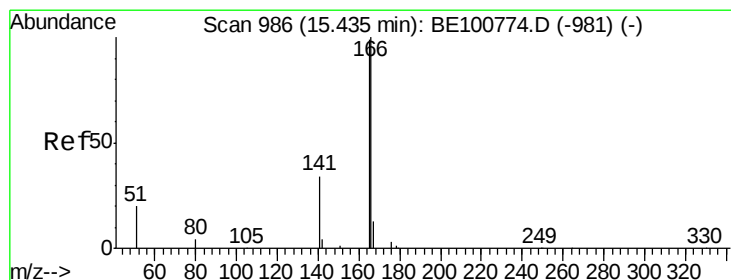
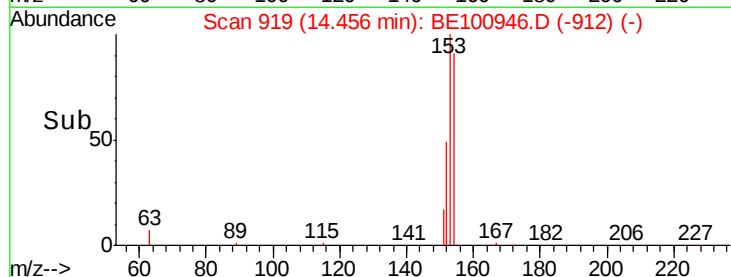
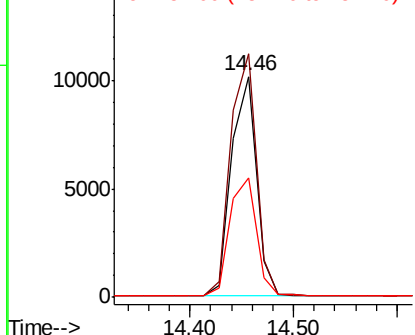
#17
Acenaphthene
Concen: 0.434 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE100946.D
Acq: 17 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 16897
Ion Ratio Lower Upper
154 100
153 113.7 91.5 137.3
152 57.4 47.7 71.5

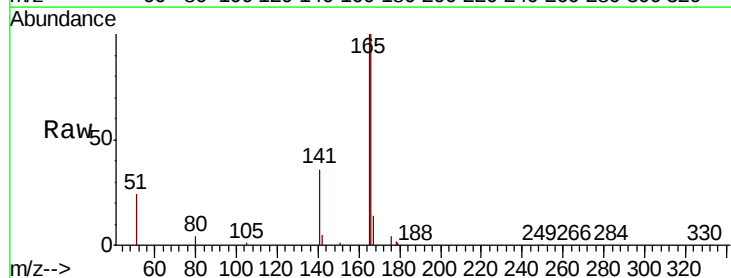


Abundance Ion 154.00 (153.70 to 154.70): E
15000 Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

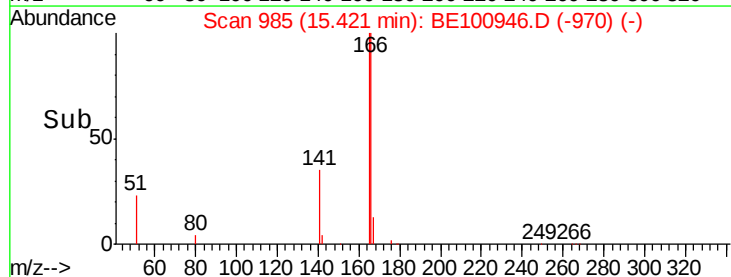
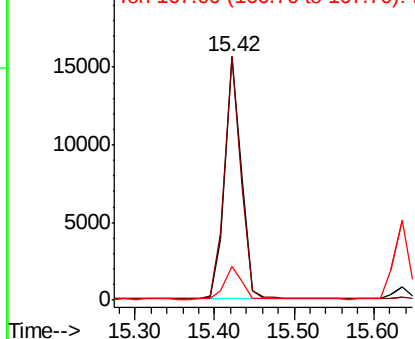


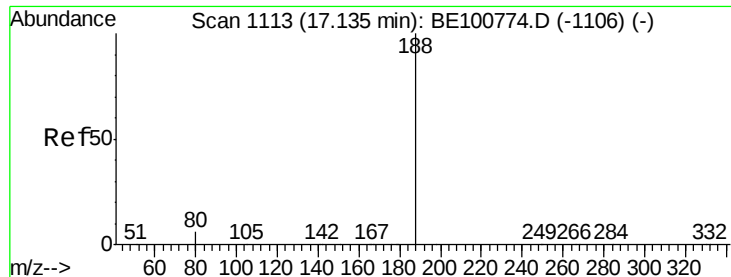
#18
Fluorene
Concen: 0.449 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100946.D
Acq: 17 Dec 2019 11:00

Tgt Ion:166 Resp: 22508
Ion Ratio Lower Upper
166 100
165 99.6 80.2 120.4
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
20000 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: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

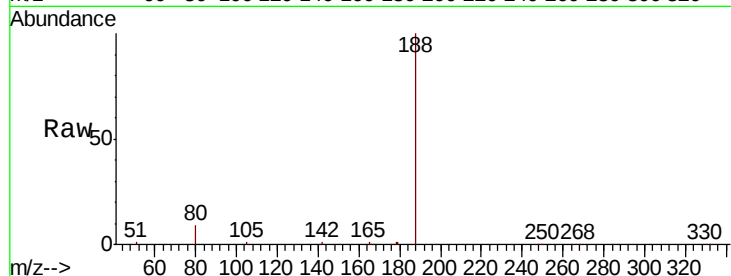
Tot Ion:188 Resp: 32784

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

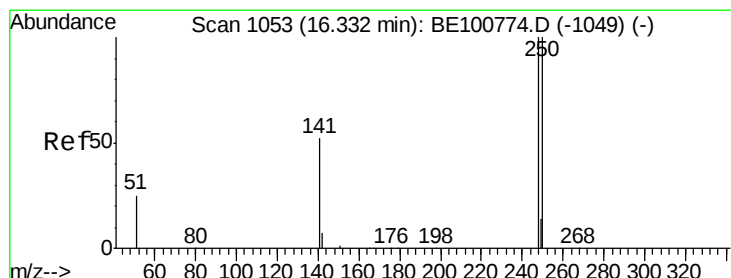
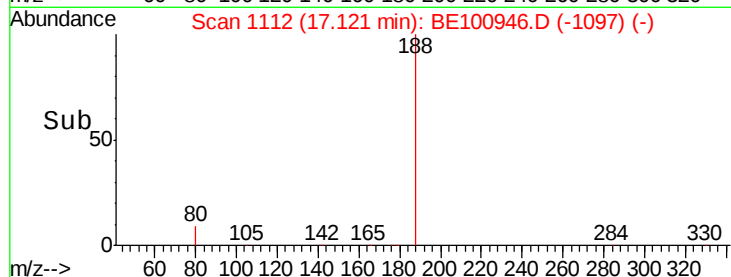
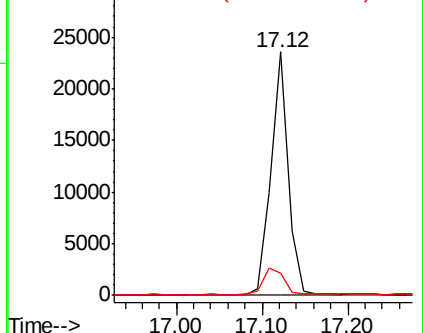
80 9.1 7.9 11.9



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: 0.416 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

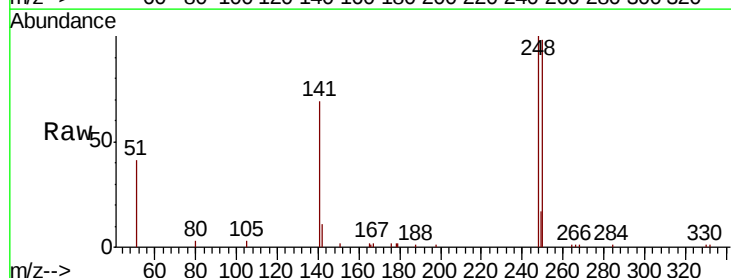
Tgt Ion:248 Resp: 6695

Ion Ratio Lower Upper

248 100

250 98.3 72.4 108.6

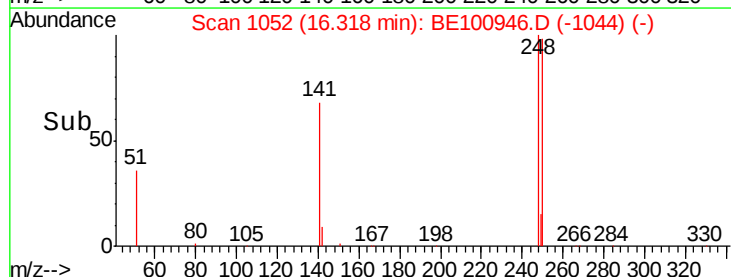
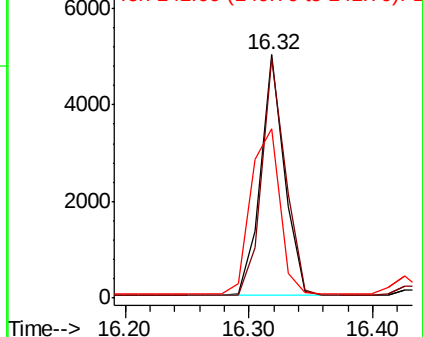
141 69.3 68.2 102.2

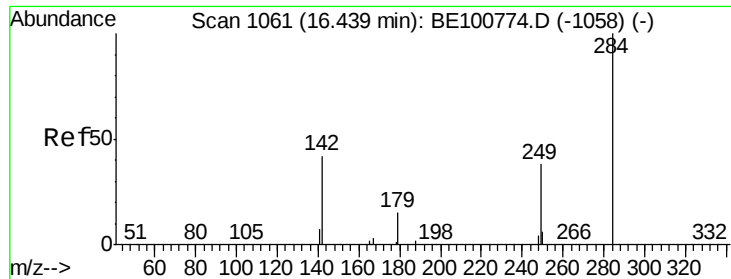


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

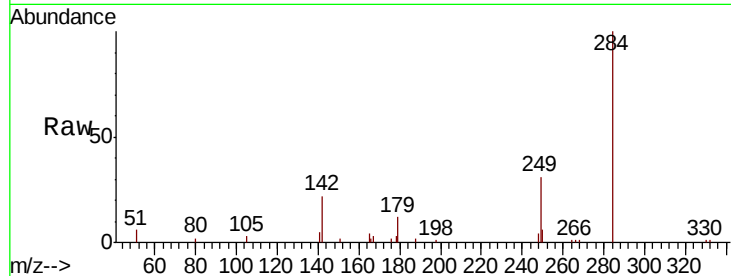




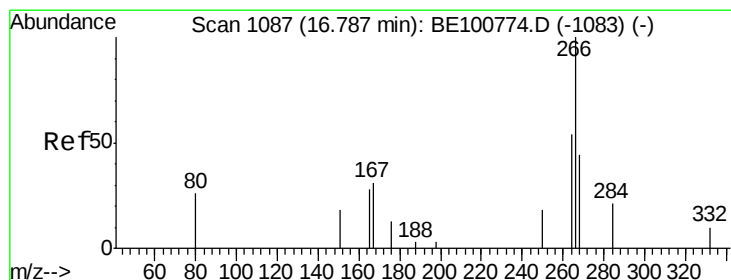
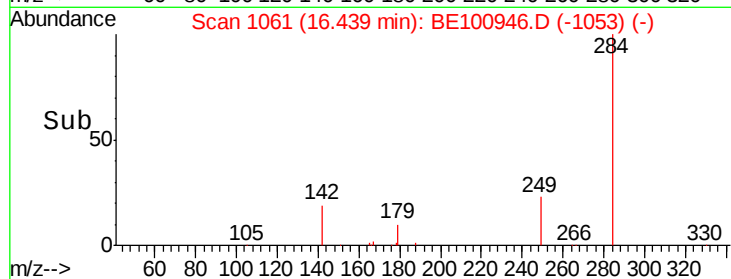
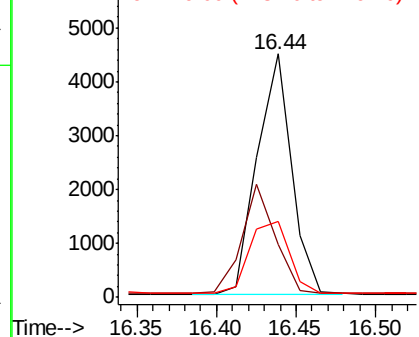
#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.44 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE100946.D
Acq: 17 Dec 2019 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 6660
Ion Ratio Lower Upper
284 100
142 44.3 35.0 52.4
249 34.6 28.1 42.1

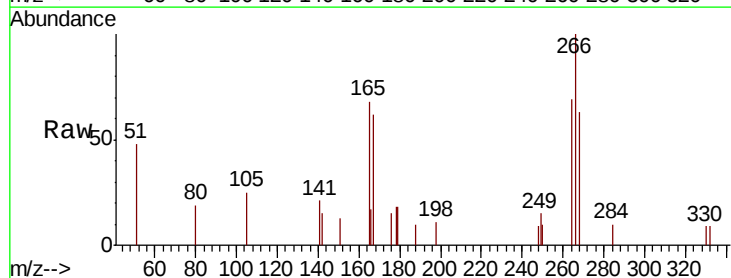


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

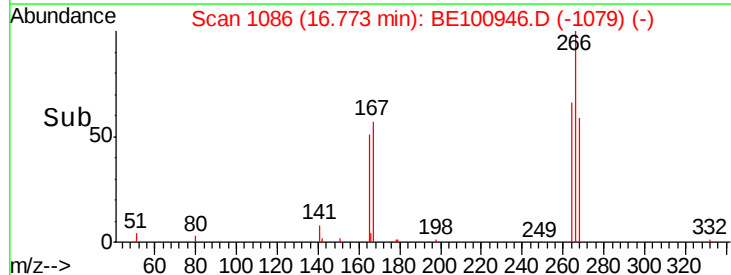
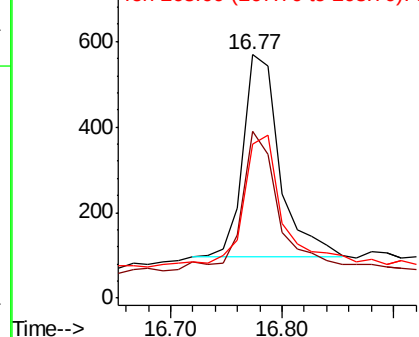


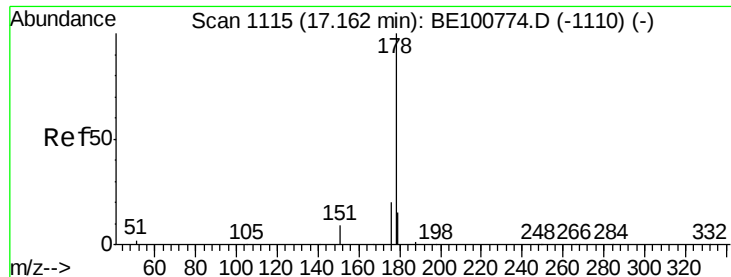
#22
Pentachlorophenol
Concen: 0.899 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE100946.D
Acq: 17 Dec 2019 11:00

Tgt Ion:266 Resp: 1086
Ion Ratio Lower Upper
266 100
264 68.7 55.1 82.7
268 63.4 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: 0.412 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

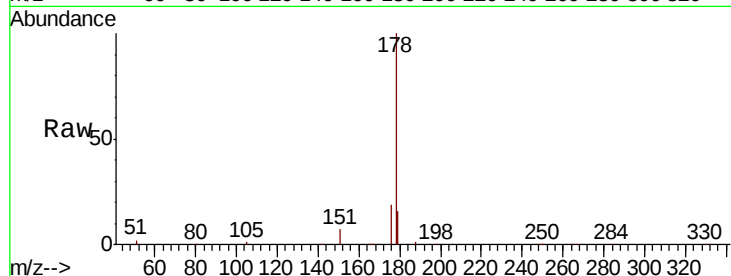
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 40913

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	15.4	11.9	17.9

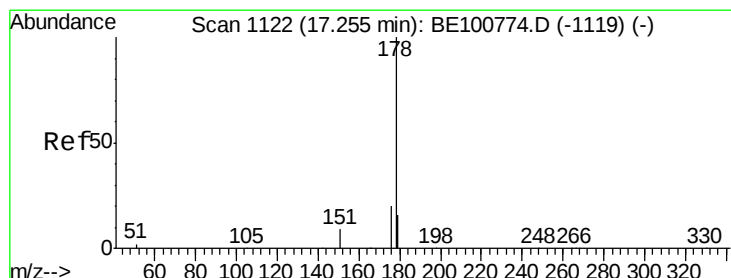
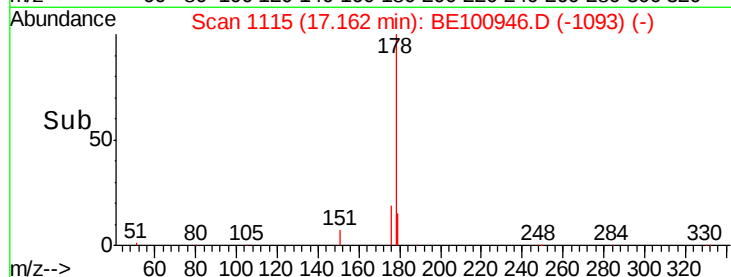
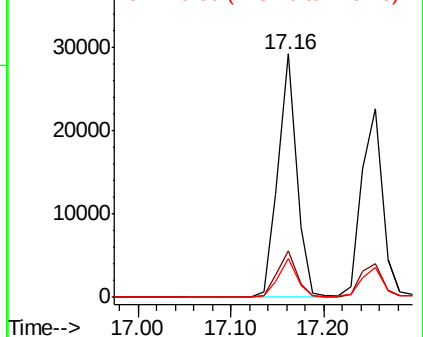


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.427 ng

RT: 17.26 min Scan# 1122

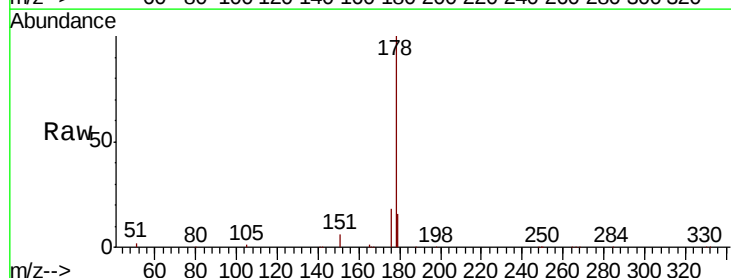
Delta R.T. 0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Tgt Ion:178 Resp: 35458

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.7	12.2	18.4

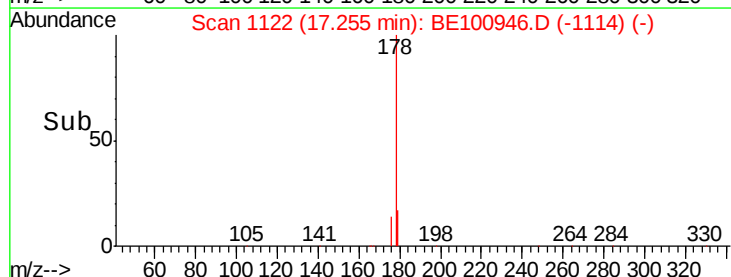
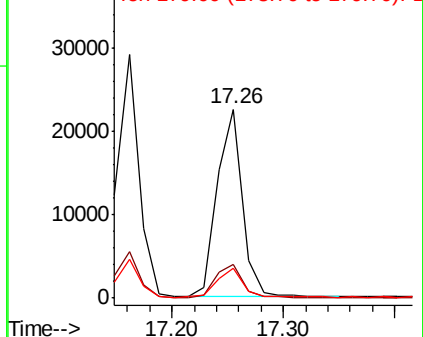


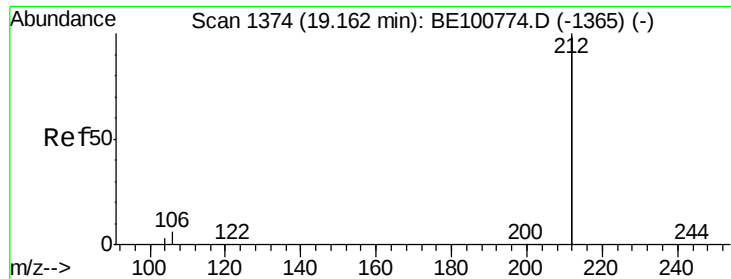
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

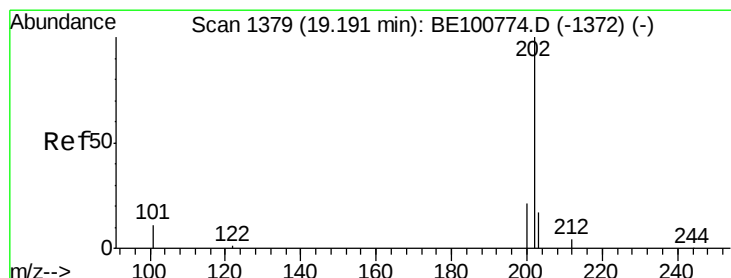
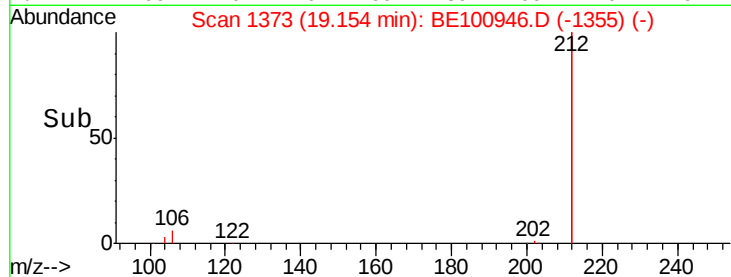
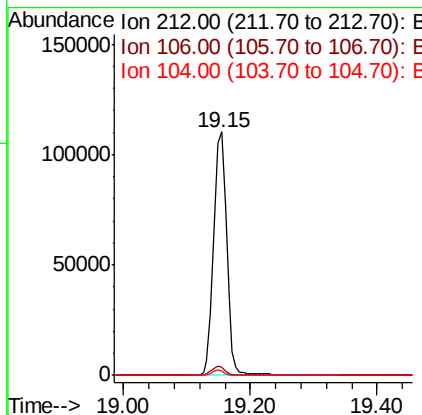
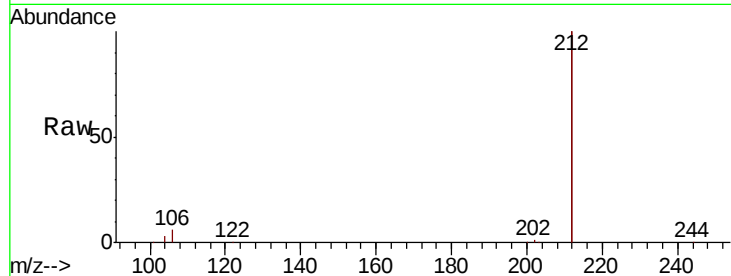




#25
 Fluoranthene-d10
 Concen: 0.399 ng
 RT: 19.15 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BE100946.D
 Acq: 17 Dec 2019 11:00

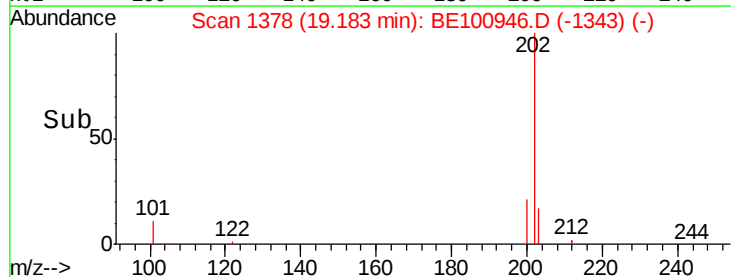
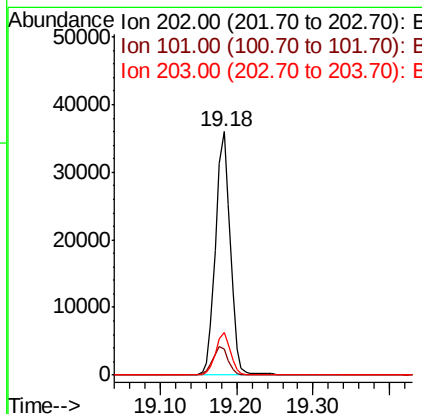
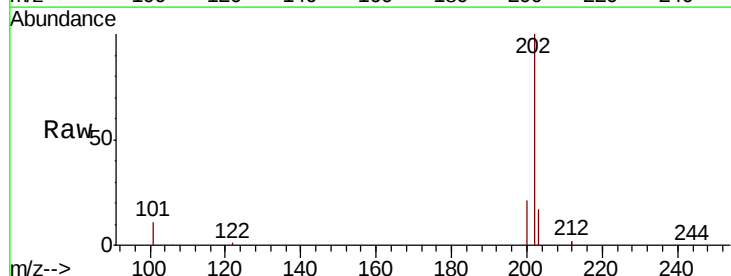
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

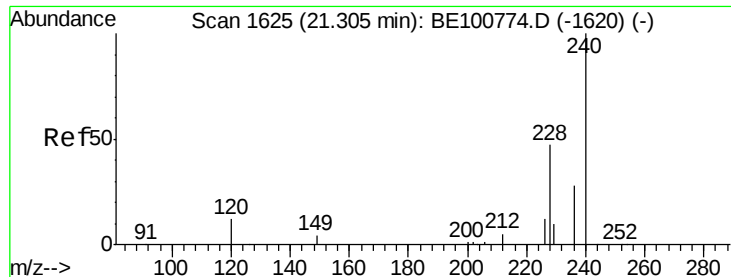
Tot Ion:212 Resp: 154490
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.6 4.0
 104 1.9 1.4 2.2



#26
 Fluoranthene
 Concen: 0.402 ng
 RT: 19.18 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BE100946.D
 Acq: 17 Dec 2019 11:00

Tgt Ion:202 Resp: 47585
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.4 14.0
 203 16.9 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

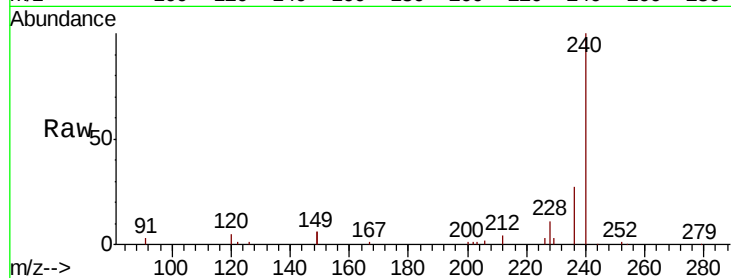
Tot Ion:240 Resp: 31318

Ion Ratio Lower Upper

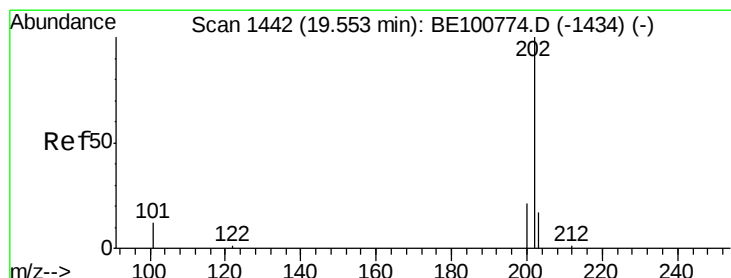
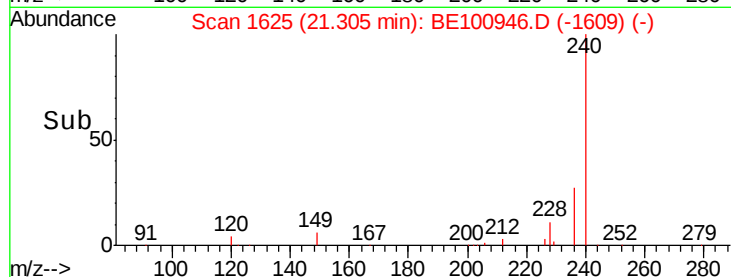
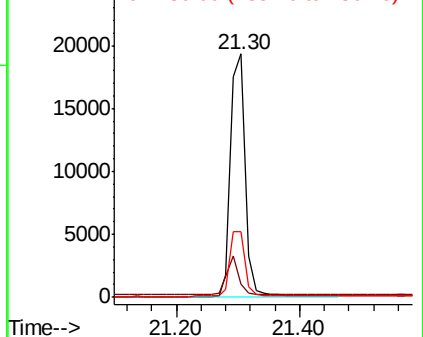
240 100

120 5.2 4.0 6.0

236 26.8 21.6 32.4



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



#28

Pyrene

Concen: 0.472 ng

RT: 19.55 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

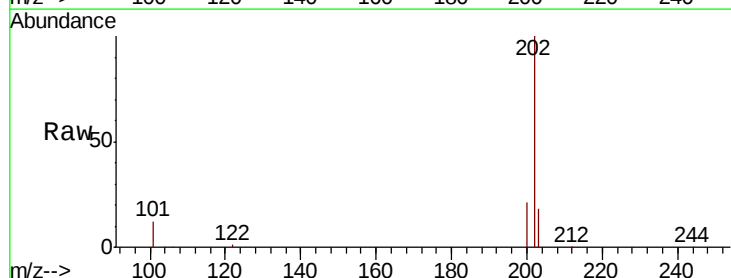
Tgt Ion:202 Resp: 48028

Ion Ratio Lower Upper

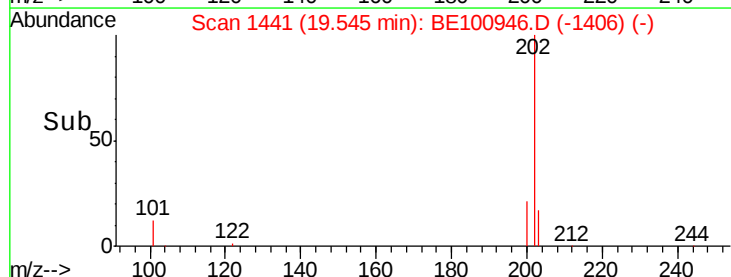
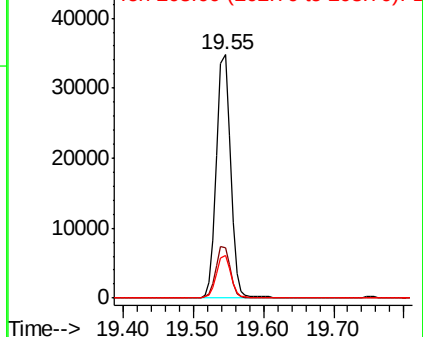
202 100

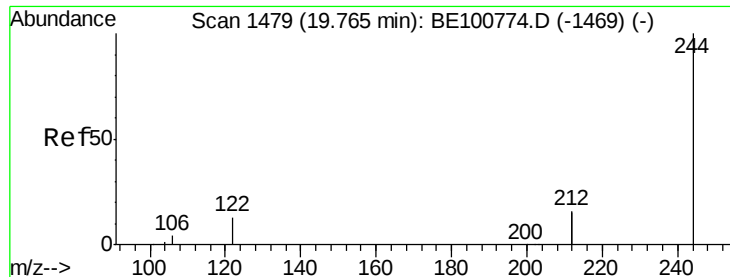
200 21.1 17.0 25.4

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

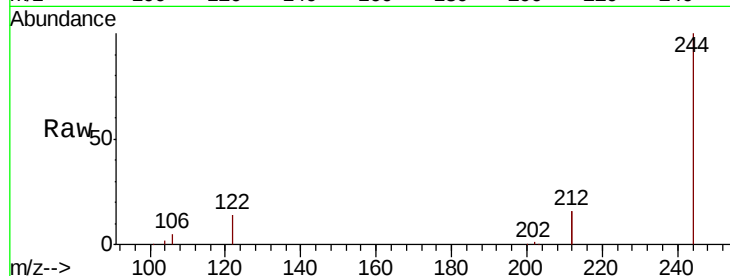
Tot Ion:244 Resp: 31533

Ion Ratio Lower Upper

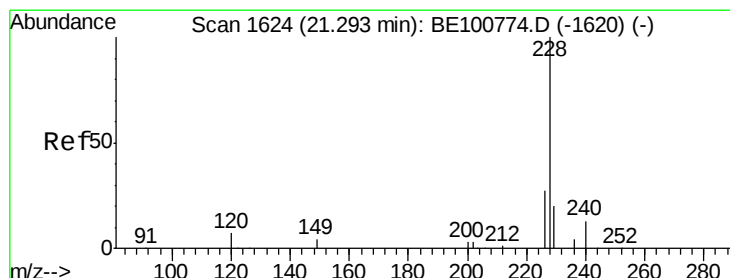
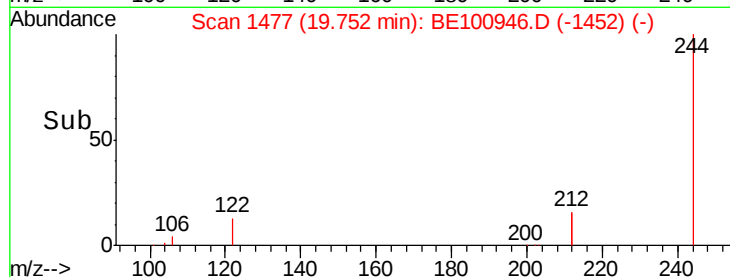
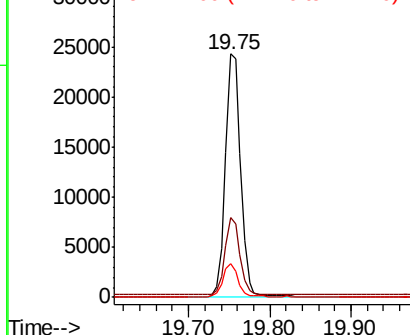
244 100

212 32.7 25.2 37.8

122 13.8 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: 0.512 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

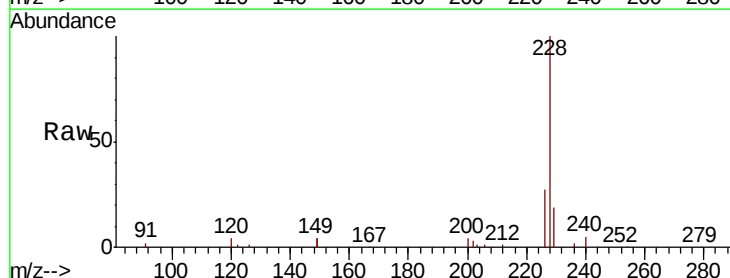
Tgt Ion:228 Resp: 47284

Ion Ratio Lower Upper

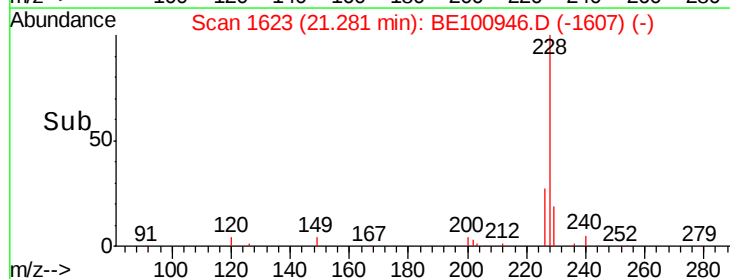
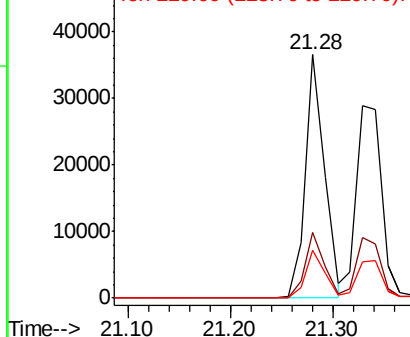
228 100

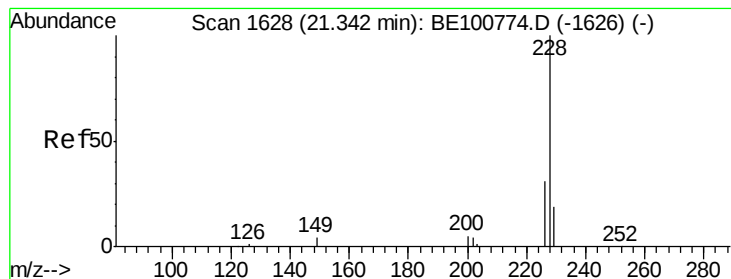
226 27.1 21.4 32.0

229 19.4 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: 0.444 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

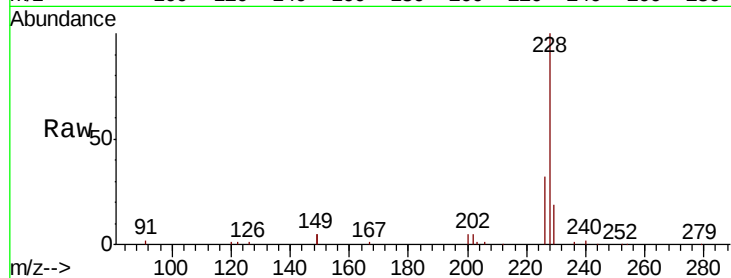
Tot Ion:228 Resp: 48114

Ion Ratio Lower Upper

228 100

226 31.6 25.3 37.9

229 19.0 15.2 22.8

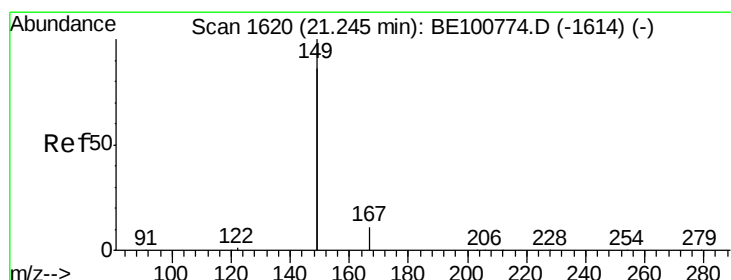
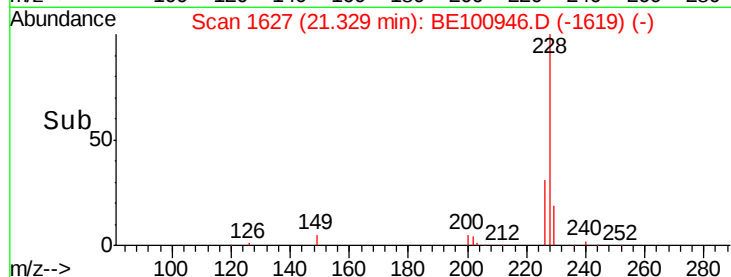
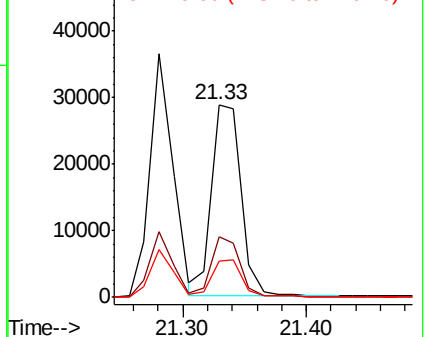


Abundance

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: 1.347 ng

RT: 21.23 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

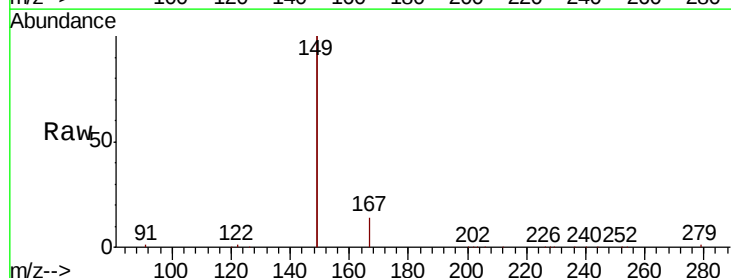
Tgt Ion:149 Resp: 103872

Ion Ratio Lower Upper

149 100

167 6.5 5.0 7.4

279 0.8 0.6 1.0

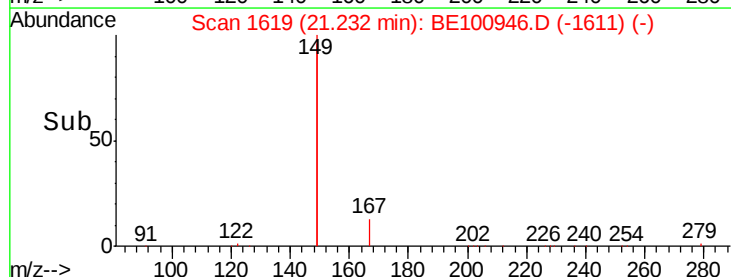
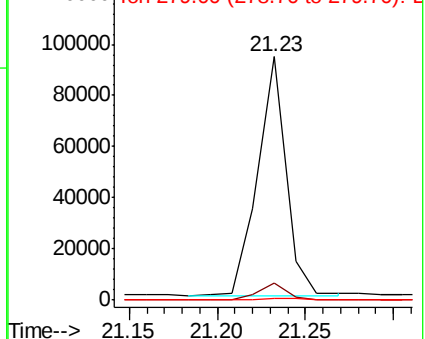


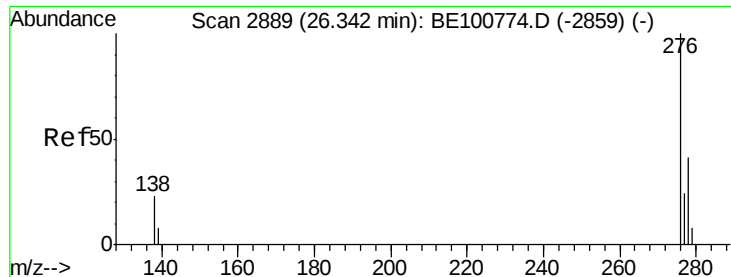
Abundance

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: 0.547 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

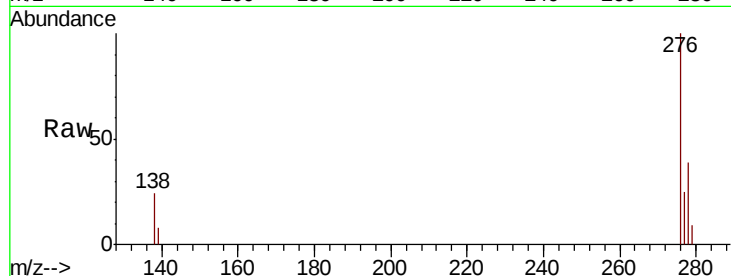
Tot Ion:276 Resp: 51659

Ion Ratio Lower Upper

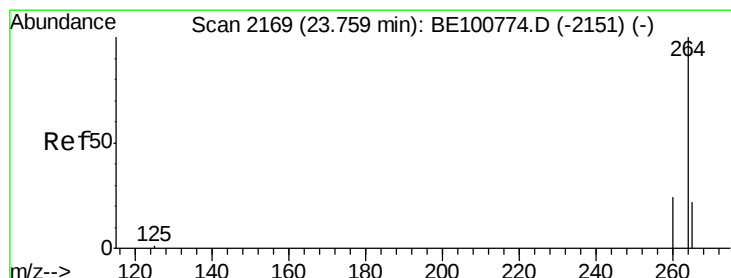
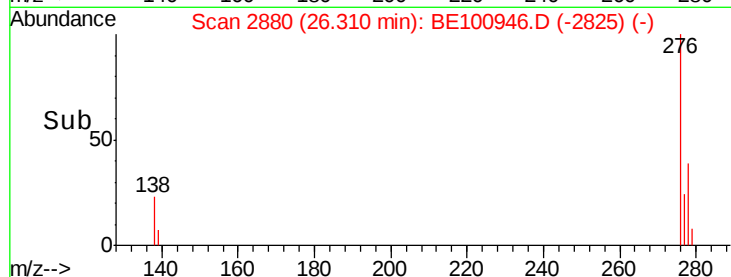
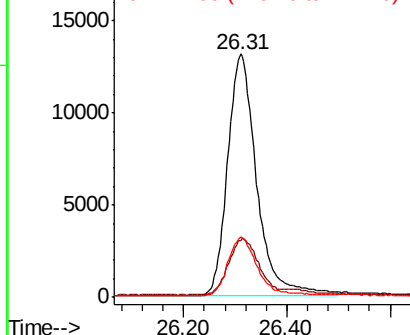
276 100

138 23.9 18.4 27.6

277 25.0 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# 2164

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

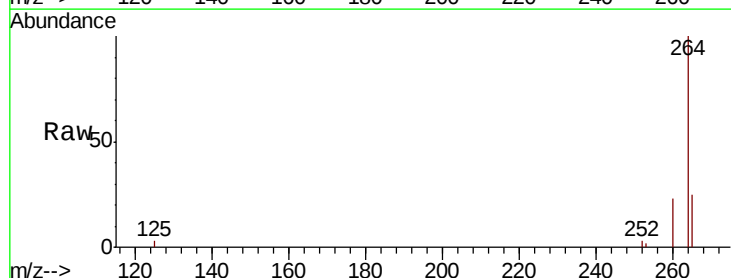
Tgt Ion:264 Resp: 38182

Ion Ratio Lower Upper

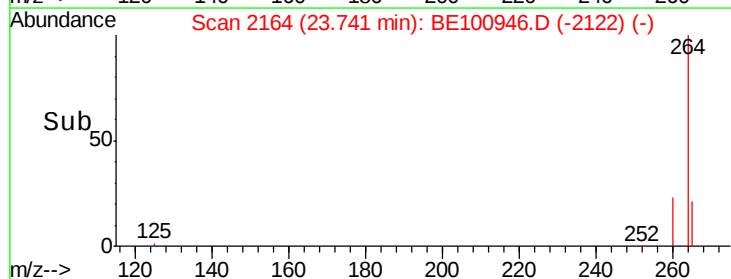
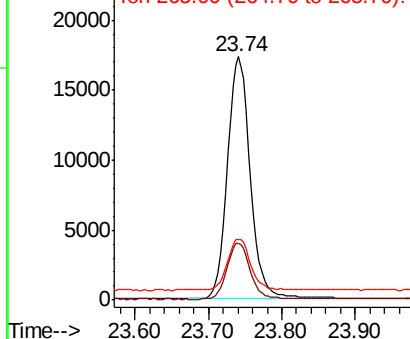
264 100

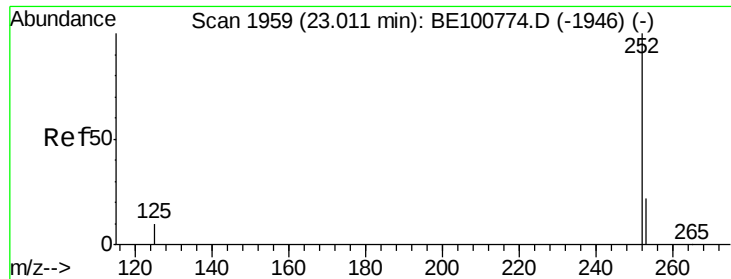
260 23.4 19.4 29.0

265 25.1 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: 0.438 ng

RT: 22.99 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

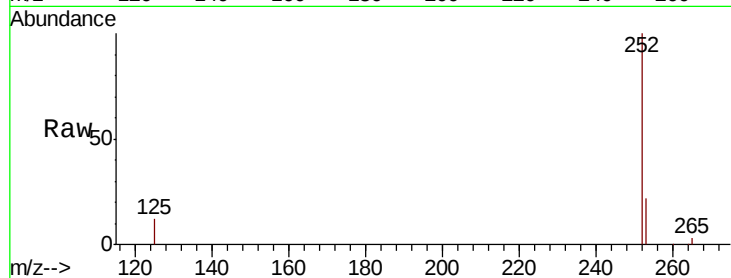
Tot Ion:252 Resp: 45786

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

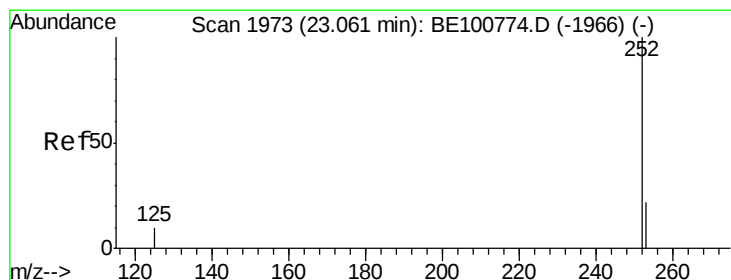
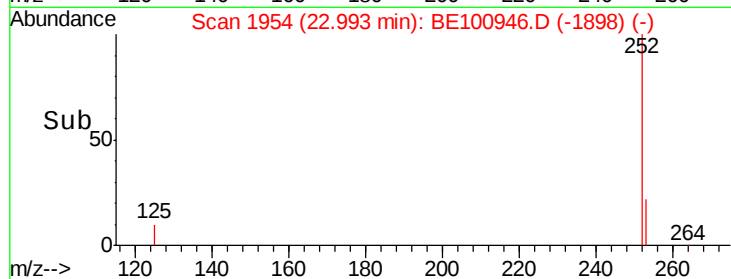
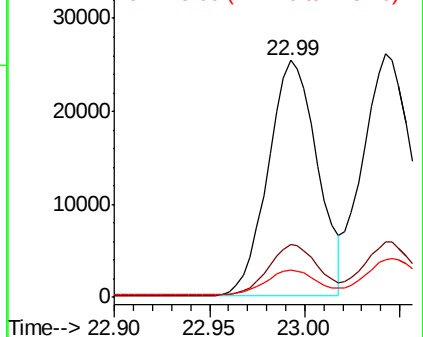
125 11.6 8.3 12.5



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: 0.391 ng

RT: 22.99 min Scan# 1954

Delta R.T. -0.05 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

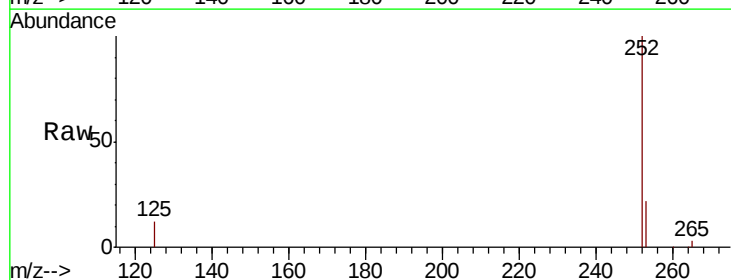
Tgt Ion:252 Resp: 45786

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

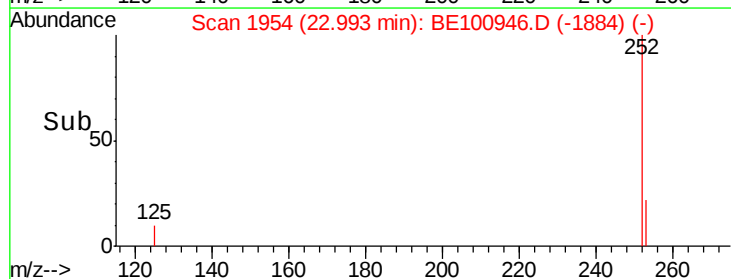
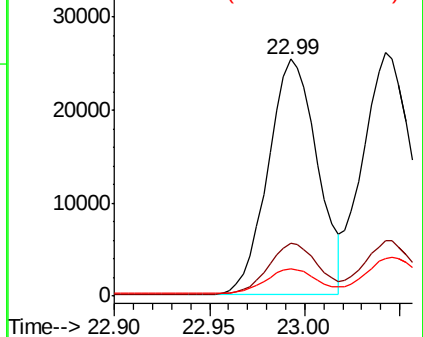
125 11.6 9.4 14.0

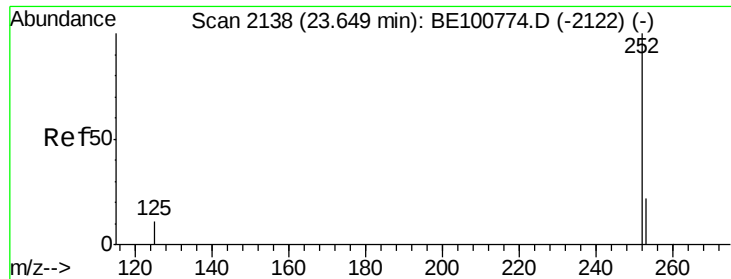


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.488 ng

RT: 23.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

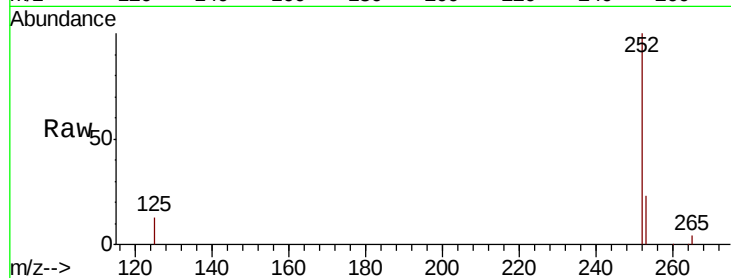
Tot Ion:252 Resp: 44154

Ion Ratio Lower Upper

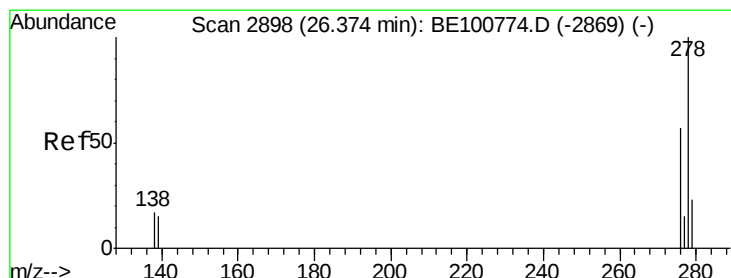
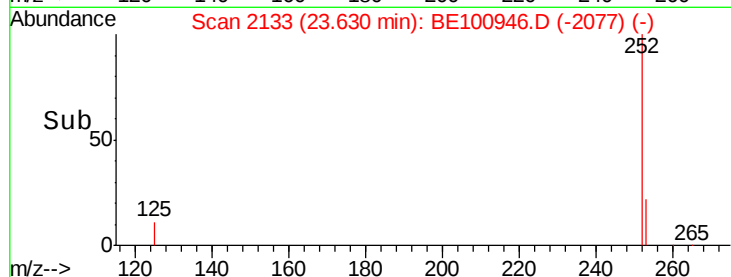
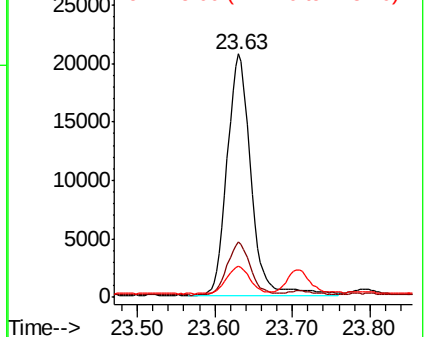
252 100

253 22.6 17.8 26.8

125 12.8 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: 0.457 ng

RT: 26.33 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

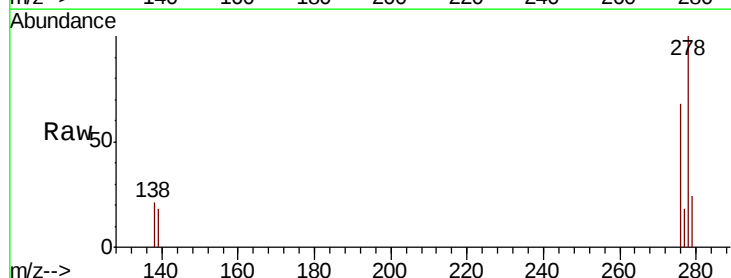
Tgt Ion:278 Resp: 41173

Ion Ratio Lower Upper

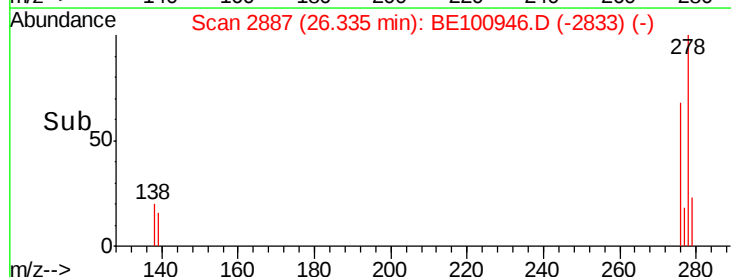
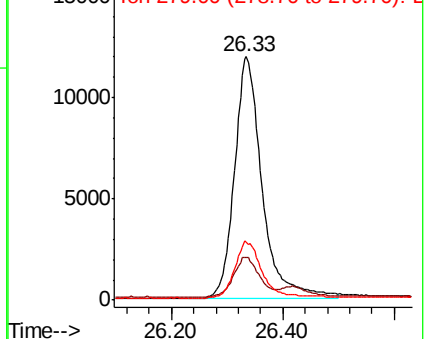
278 100

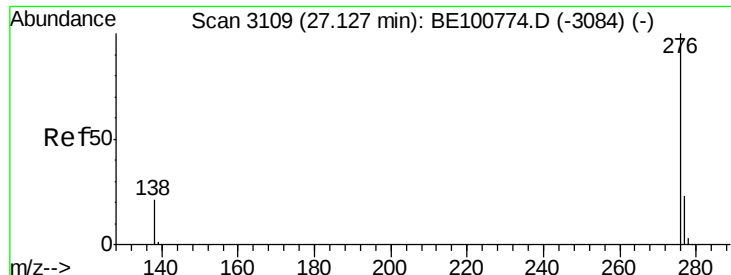
139 17.6 13.8 20.6

279 23.8 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: 0.452 ng

RT: 27.09 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BE100946.D

Acq: 17 Dec 2019 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

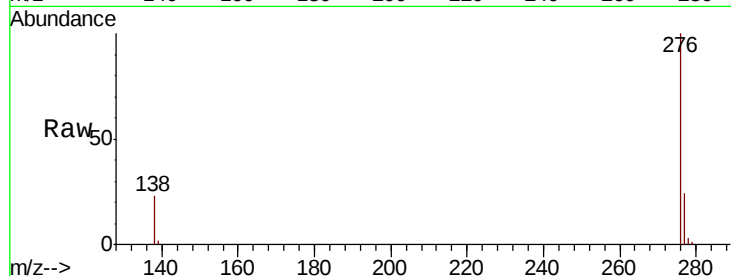
Tot Ion: 276 Resp: 43477

Ion Ratio Lower Upper

276 100

277 24.3 19.7 29.5

138 22.9 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

