

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100064.D
 Acq On : 17 Jun 2019 13:44
 Operator : JU/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jun 17 15:11:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 13:03:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	703	0.40	ng	0.00
7) Naphthalene-d8	10.58	136	2420	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	1764	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5439	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9027	0.40	ng	0.00
34) Perylene-d12	23.92	264	9474	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2964	1.56	ng	0.00
5) Phenol-d6	6.94	99	3617	1.48	ng	-0.02
8) Nitrobenzene-d5	8.94	82	4003	1.75	ng	-0.03
11) 2-Methylnaphthalene-d10	12.18	152	6980	1.65	ng	-0.03
14) 2,4,6-Tribromophenol	15.94	330	1784	1.37	ng	-0.03
15) 2-Fluorobiphenyl	13.07	172	11326	1.69	ng	-0.01
25) Fluoranthene-d10	19.24	212	121505	1.53	ng	0.00
29) Terphenyl-d14	19.84	244	24034	1.48	ng	0.00

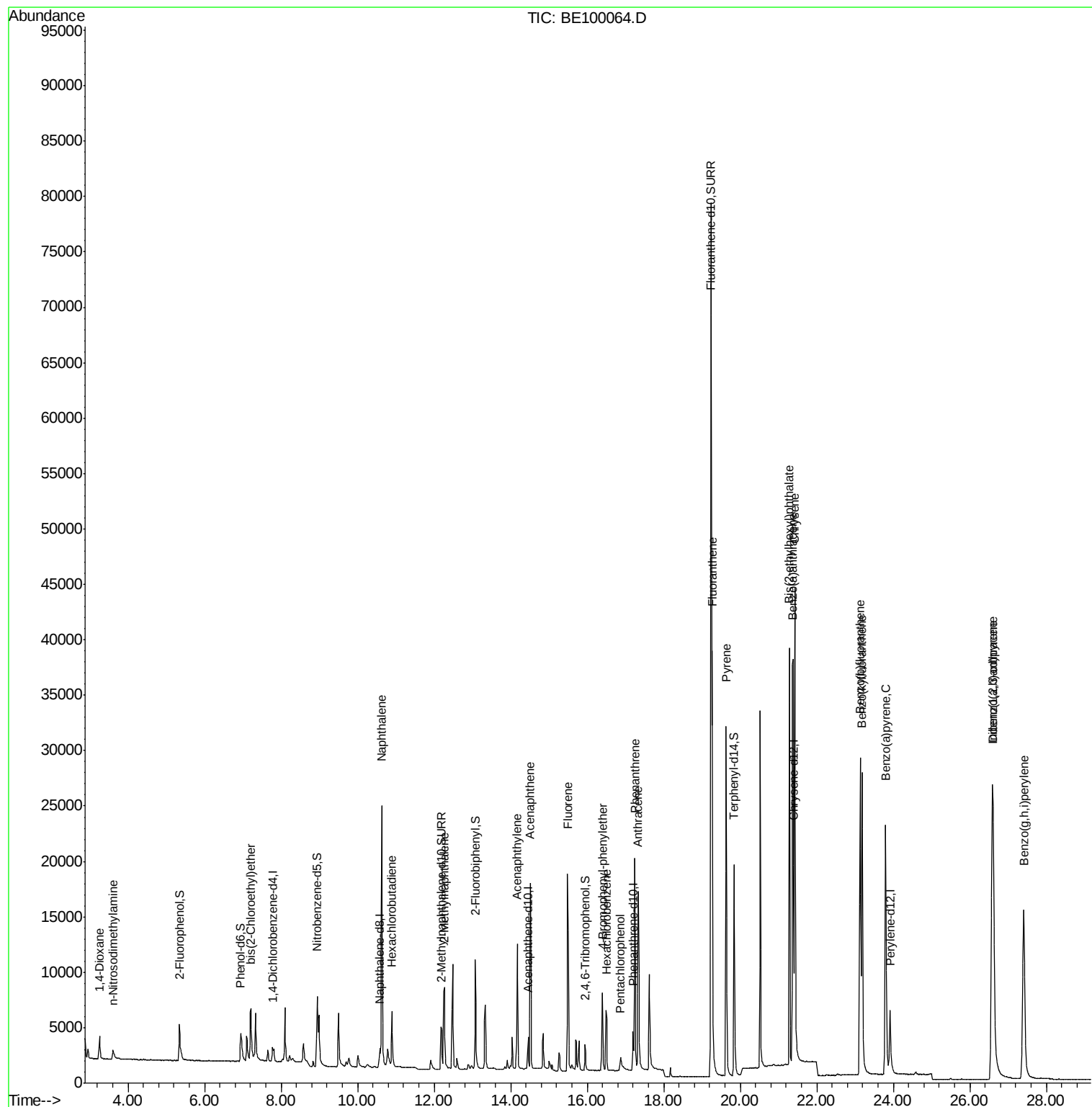
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1742	1.674	ng	96
3) n-Nitrosodimethylamine	3.60	42	785	1.308	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	2922	1.464	ng	# 71
9) Naphthalene	10.63	128	42121	1.612	ng	# 98
10) Hexachlorobutadiene	10.90	225	3591	1.802	ng	98
12) 2-Methylnaphthalene	12.27	142	7096	1.672	ng	95
16) Acenaphthylene	14.17	152	14575	1.661	ng	99
17) Acenaphthene	14.51	154	8074	1.689	ng	98
18) Fluorene	15.49	166	12095	1.686	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	5284	1.715	ng	# 78
21) Hexachlorobenzene	16.51	284	5387	1.711	ng	99
22) Pentachlorophenol	16.87	266	1569	1.591	ng	# 80
23) Phenanthrene	17.24	178	21759	1.649	ng	100
24) Anthracene	17.34	178	20431	1.688	ng	98
26) Fluoranthene	19.26	202	34766	1.550	ng	99
28) Pyrene	19.63	202	35671	1.504	ng	100
30) Benzo(a)anthracene	21.37	228	42321	1.569	ng	98
31) Chrysene	21.43	228	44966	1.612	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	52297	1.351	ng	99
33) Indeno(1,2,3-cd)pyrene	26.58	276	54605	1.651	ng	99
35) Benzo(b)fluoranthene	23.13	252	44006	1.658	ng	# 95
36) Benzo(k)fluoranthene	23.18	252	47628	1.715	ng	96
37) Benzo(a)pyrene	23.80	252	43252	1.654	ng	# 93
38) Dibenzo(a,h)anthracene	26.61	278	44063	1.673	ng	# 95
39) Benzo(g,h,i)perylene	27.41	276	45194	1.661	ng	98

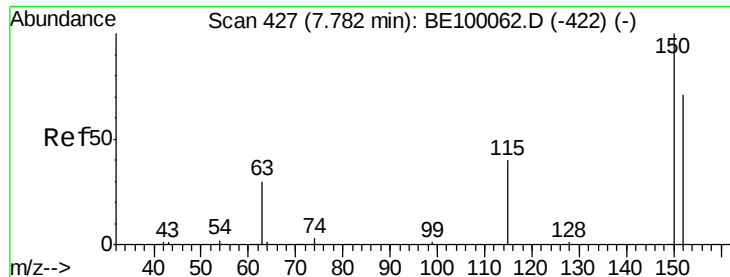
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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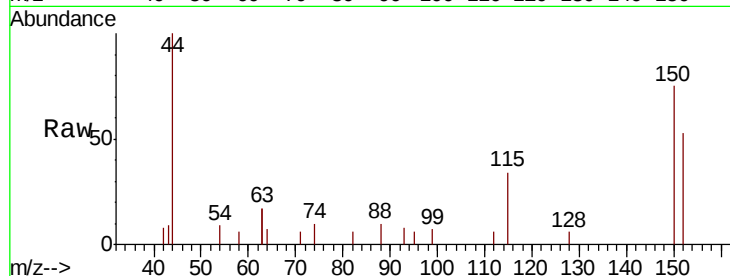


#1

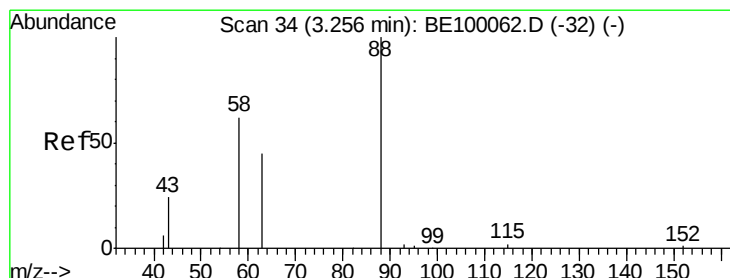
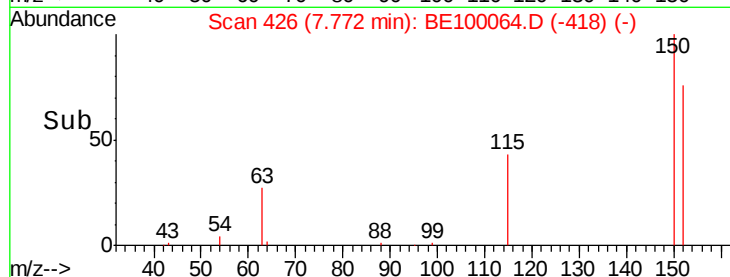
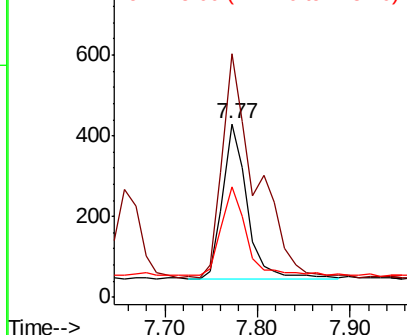
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 703
Ion Ratio Lower Upper
152 100
150 140.2 109.5 164.3
115 63.7 52.6 78.8



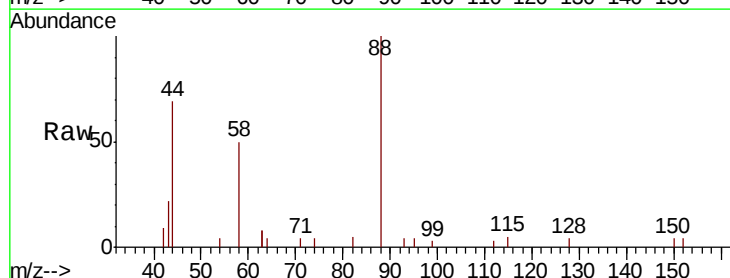
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



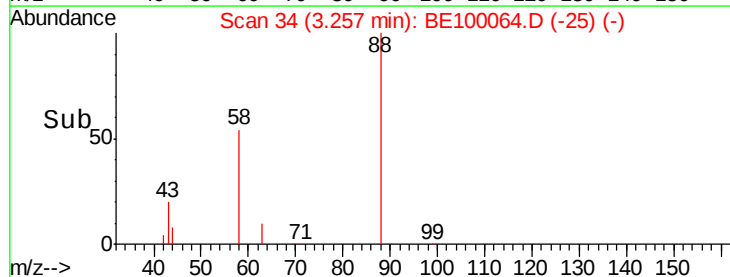
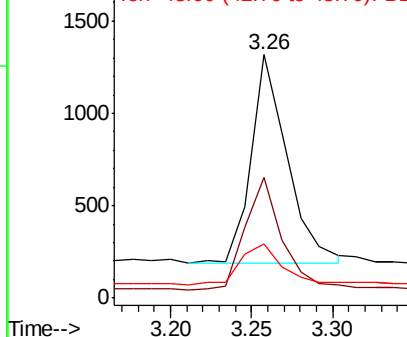
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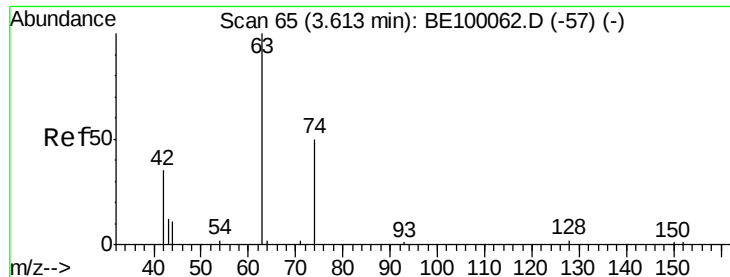
1,4-Dioxane
Concen: 1.674 ng
RT: 3.26 min Scan# 34
Delta R.T. 0.00 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion: 88 Resp: 1742
Ion Ratio Lower Upper
88 100
58 55.0 41.9 62.9
43 22.2 15.8 23.8



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



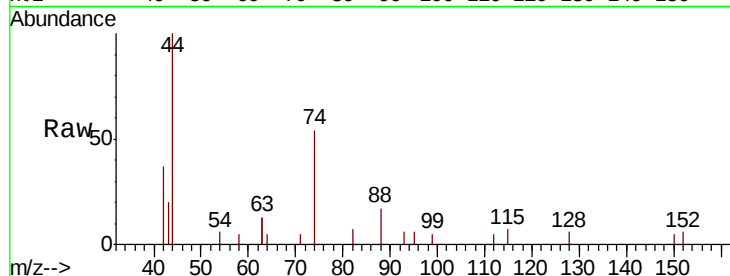


#3

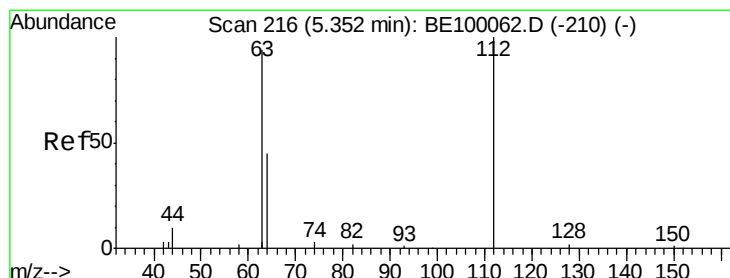
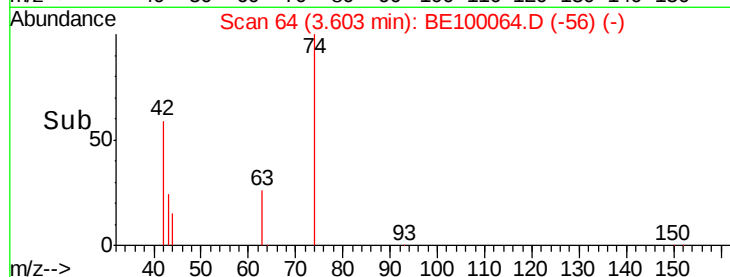
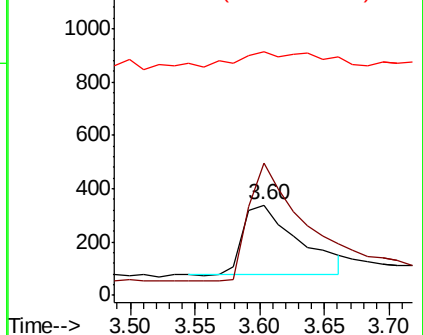
n-Nitrosodimethylamine
 Concen: 1.308 ng
 RT: 3.60 min Scan# 64
 Delta R.T. -0.01 min
 Lab File: BE100064.D
 Acq: 17 Jun 2019 13:44

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion: 42 Resp: 785
 Ion Ratio Lower Upper
 42 100
 74 162.5 0.0 0.0#
 44 28.2 0.0 0.0#



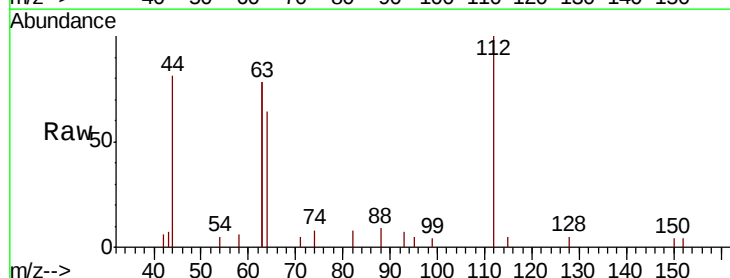
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



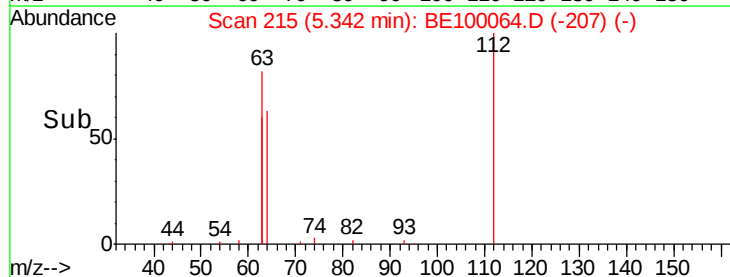
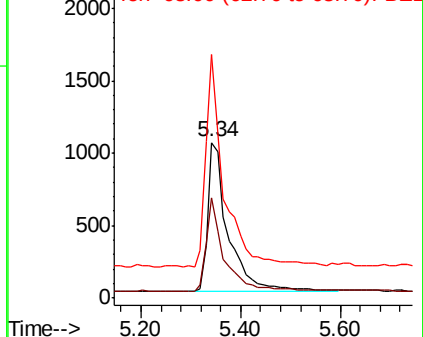
#4

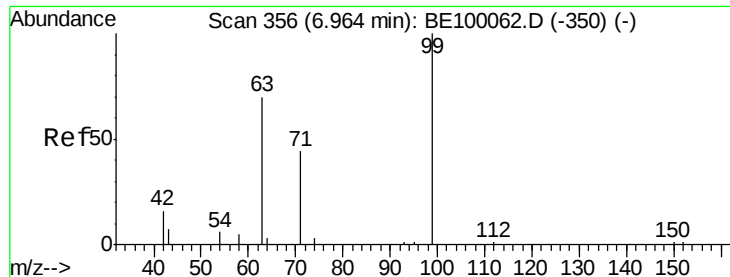
2-Fluorophenol
 Concen: 1.562 ng
 RT: 5.34 min Scan# 215
 Delta R.T. -0.01 min
 Lab File: BE100064.D
 Acq: 17 Jun 2019 13:44

Tgt Ion: 112 Resp: 2964
 Ion Ratio Lower Upper
 112 100
 64 55.5 39.6 59.4
 63 125.9 113.0 169.4



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: 1.480 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.02 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

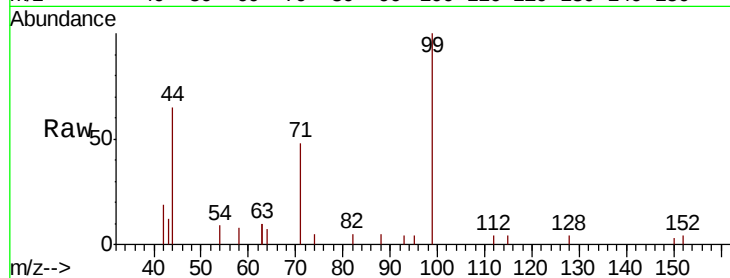
Tot Ion: 99 Resp: 3617

Ion Ratio Lower Upper

99 100

42 14.9 11.4 17.2

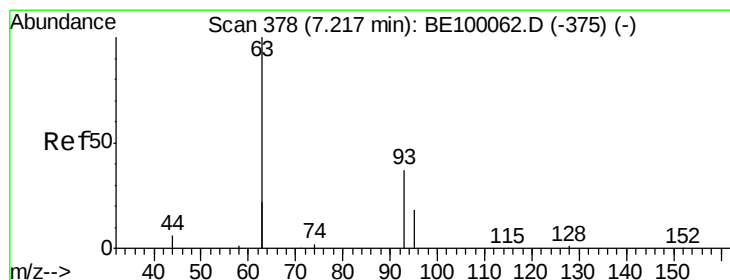
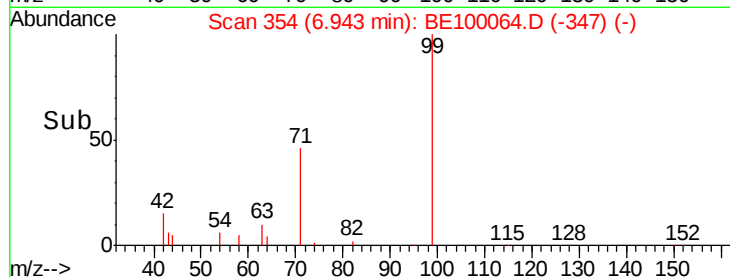
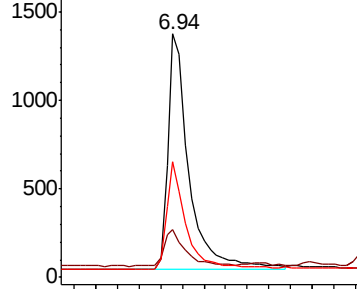
71 42.2 32.8 49.2



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: 1.464 ng

RT: 7.21 min Scan# 377

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

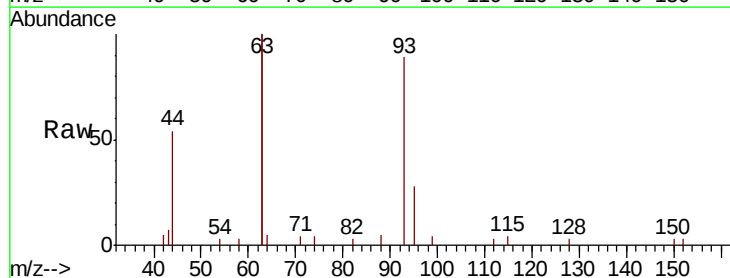
Tgt Ion: 93 Resp: 2922

Ion Ratio Lower Upper

93 100

63 258.9 165.0 247.6#

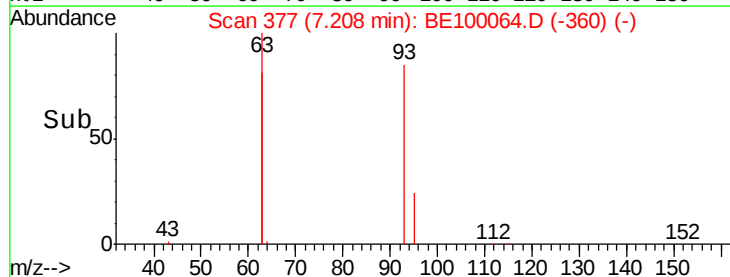
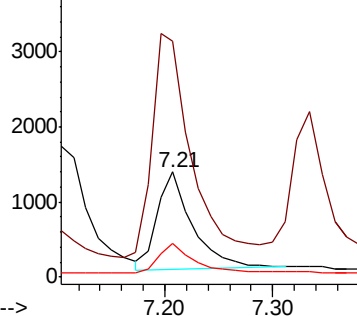
95 33.3 26.5 39.7

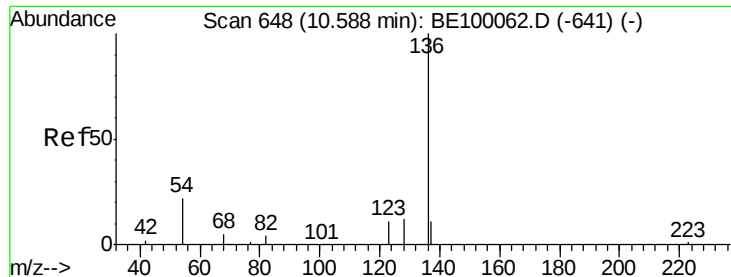


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 2420

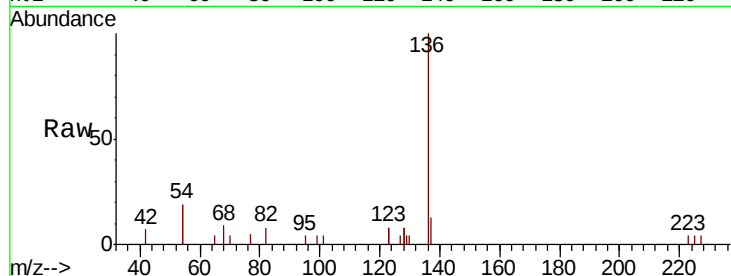
Ion Ratio Lower Upper

136 100

137 13.4 12.6 19.0

54 38.9 33.0 49.6

68 9.0 8.6 12.8

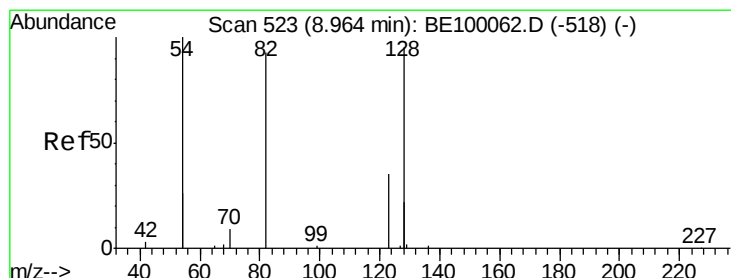
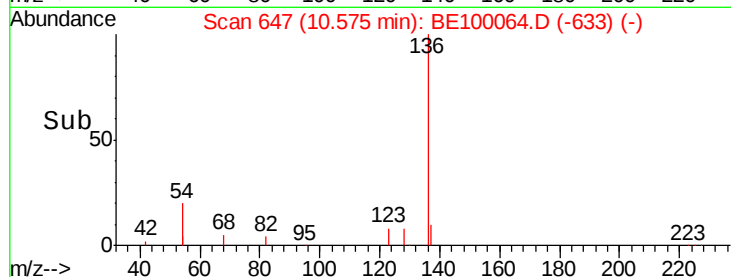
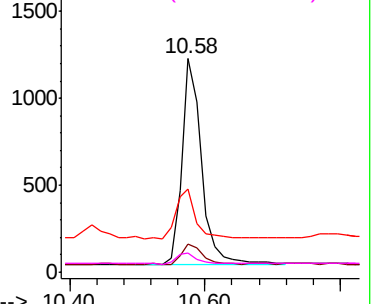


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.747 ng

RT: 8.94 min Scan# 521

Delta R.T. -0.03 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

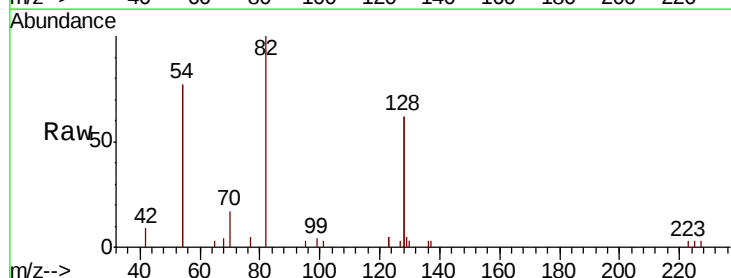
Tgt Ion: 82 Resp: 4003

Ion Ratio Lower Upper

82 100

128 123.8 134.6 201.8#

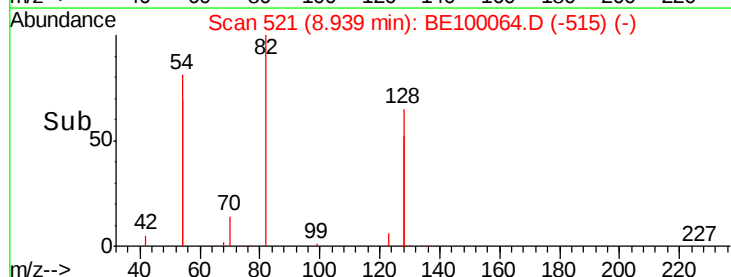
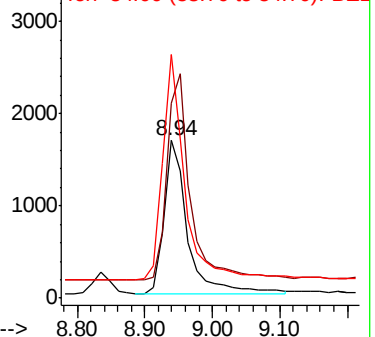
54 154.7 141.6 212.4

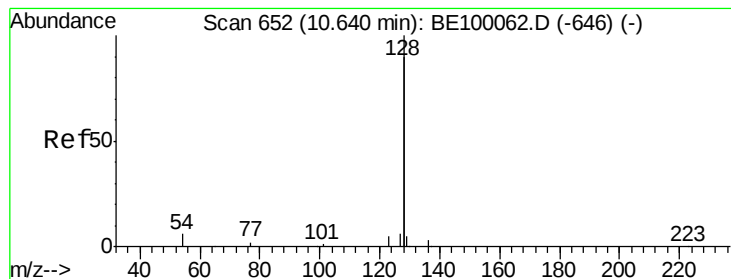


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.612 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

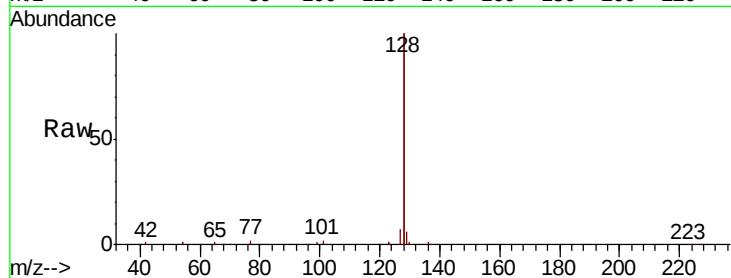
Tot Ion:128 Resp: 42121

Ion Ratio Lower Upper

128 100

129 3.0 3.0 4.4#

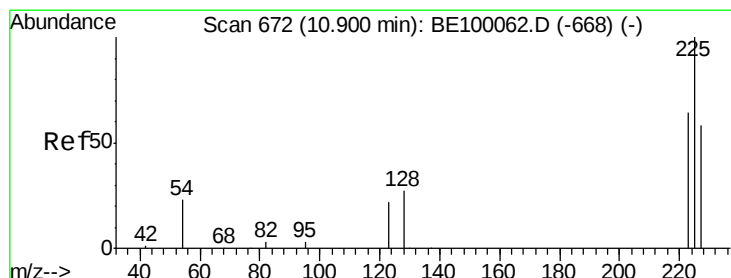
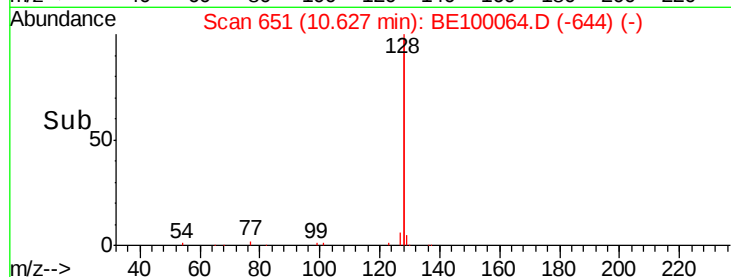
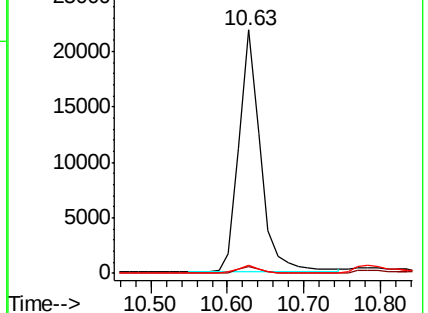
127 3.4 3.4 5.0#



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: 1.802 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

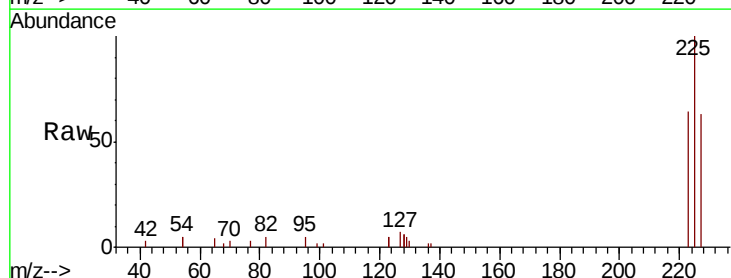
Tgt Ion:225 Resp: 3591

Ion Ratio Lower Upper

225 100

223 62.0 51.1 76.7

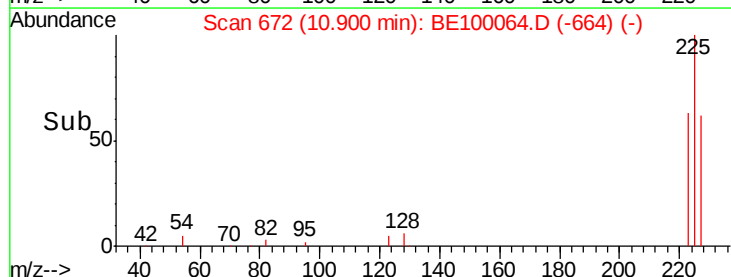
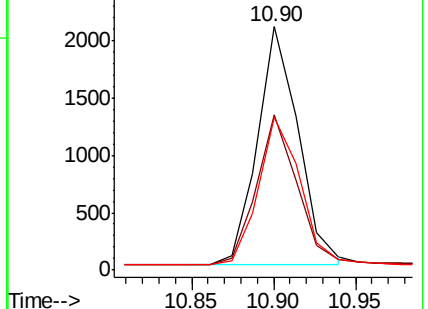
227 63.2 51.9 77.9

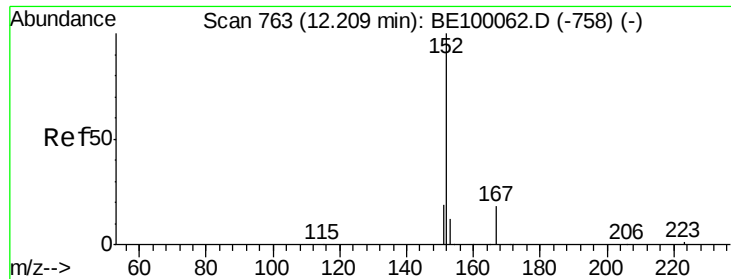


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

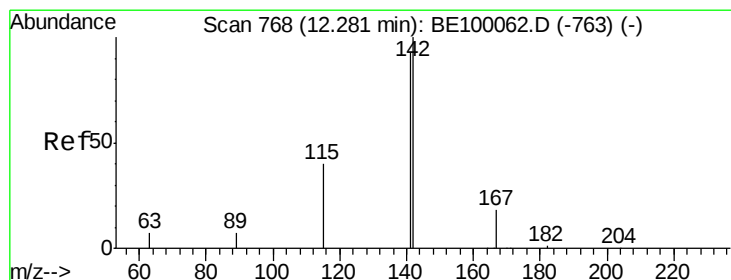
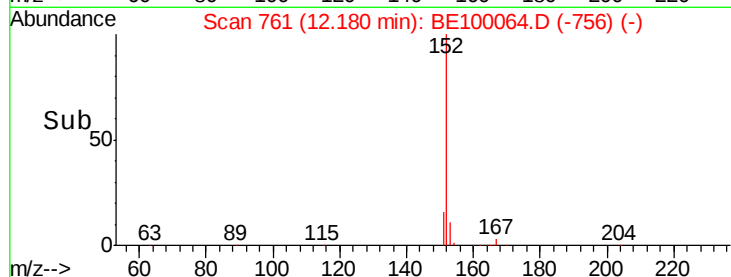
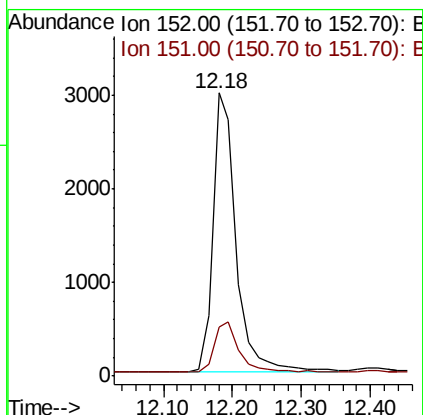
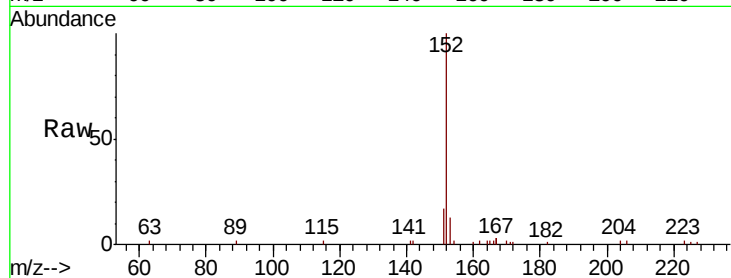




#11
2-Methylnaphthalene-d10
Concen: 1.654 ng
RT: 12.18 min Scan# 761
Delta R.T. -0.03 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

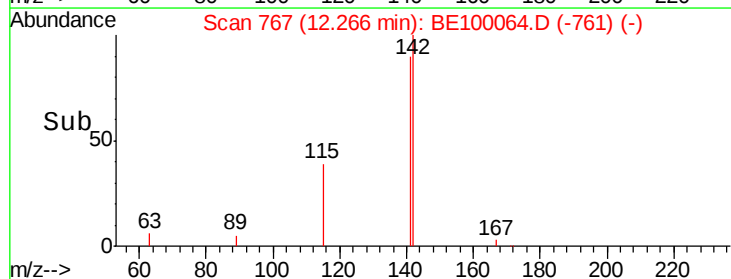
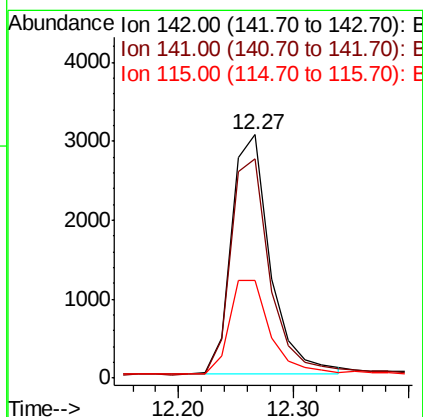
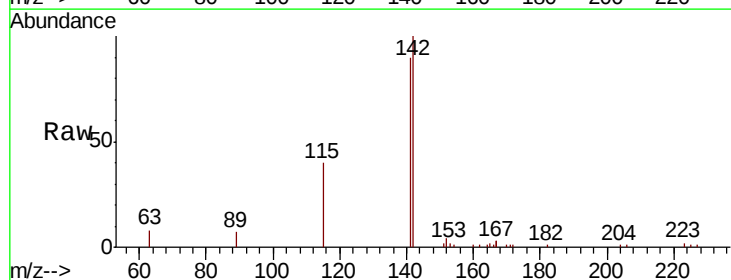
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

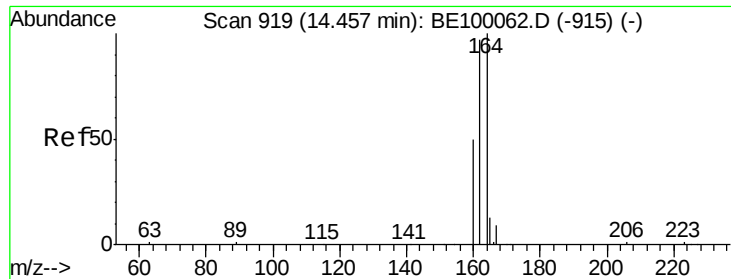
Tot Ion:152 Resp: 6980
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2



#12
2-Methylnaphthalene
Concen: 1.672 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:142 Resp: 7096
Ion Ratio Lower Upper
142 100
141 89.8 74.2 111.4
115 40.4 36.5 54.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

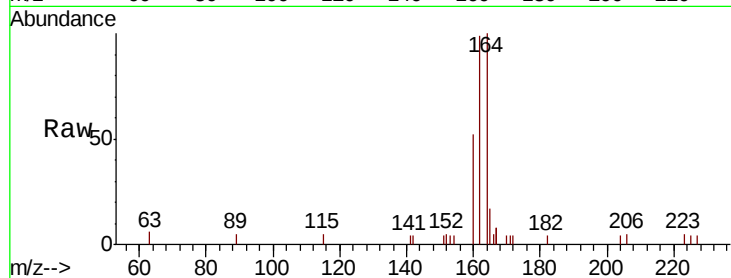
Tot Ion:164 Resp: 1764

Ion Ratio Lower Upper

164 100

162 99.1 77.6 116.4

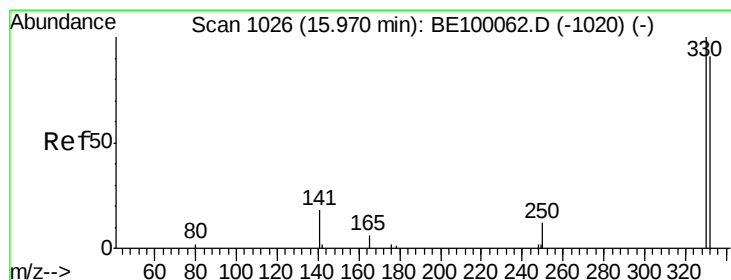
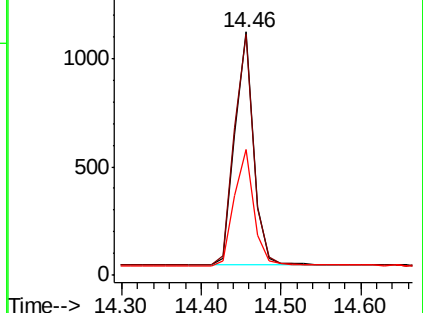
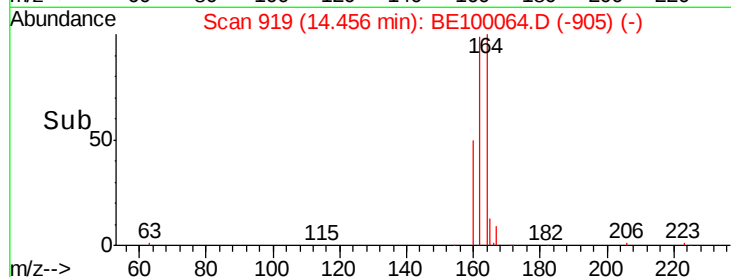
160 51.5 41.7 62.5



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: 1.368 ng

RT: 15.94 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

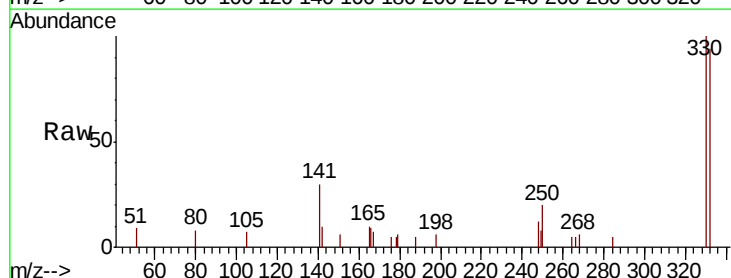
Tgt Ion:330 Resp: 1784

Ion Ratio Lower Upper

330 100

332 97.6 74.7 112.1

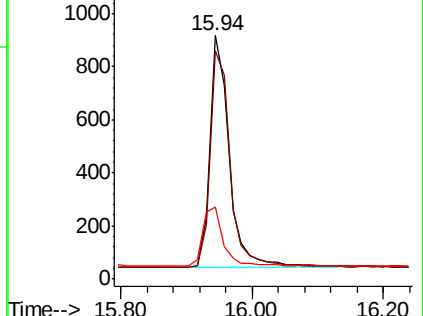
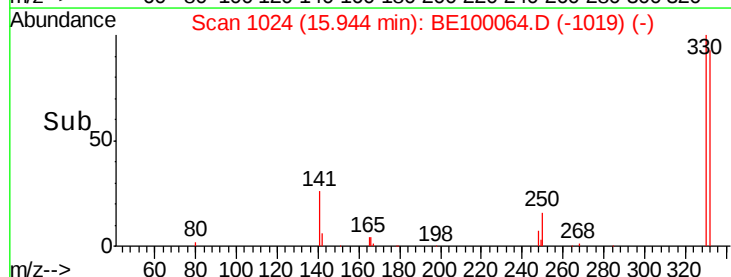
141 27.0 20.3 30.5

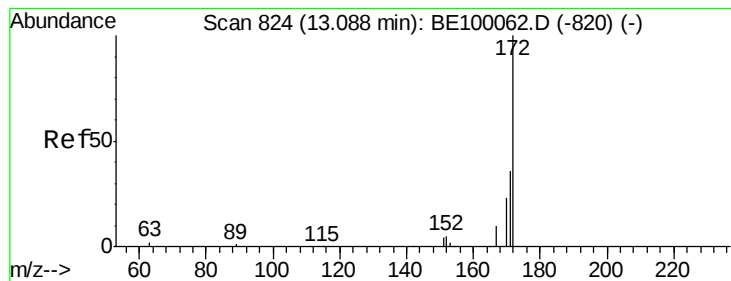


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

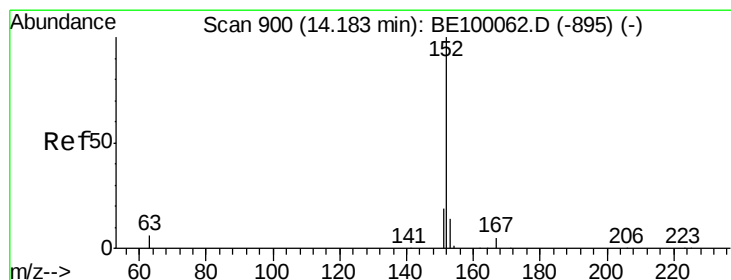
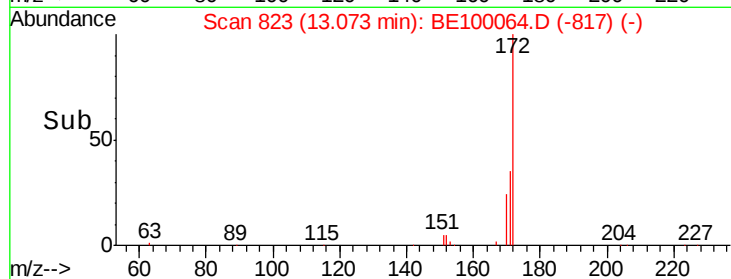
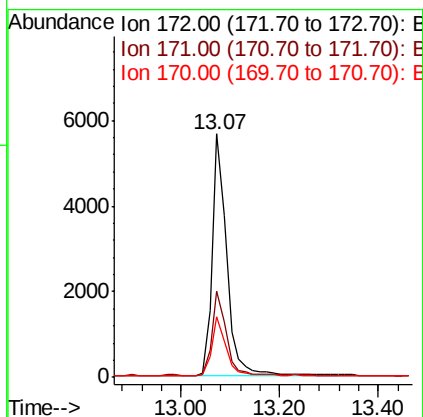
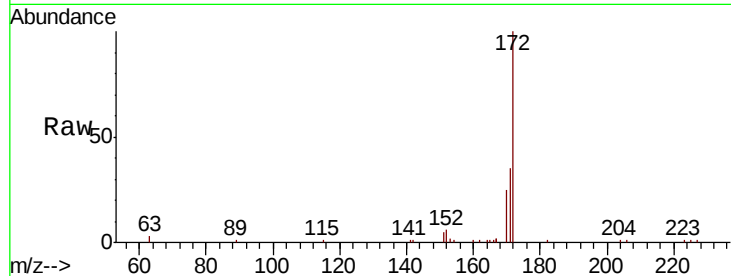




#15
 2-Fluorobiphenyl
 Concen: 1.694 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE100064.D
 Acq: 17 Jun 2019 13:44

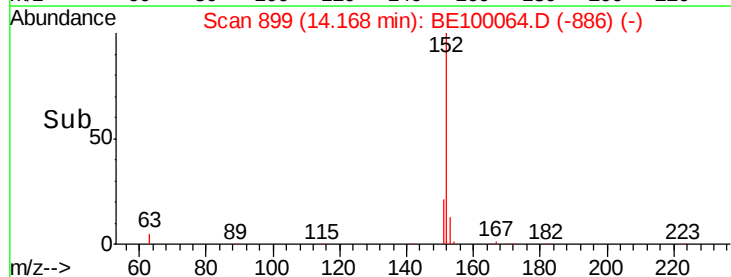
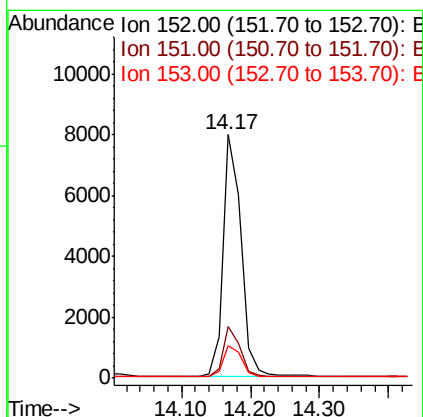
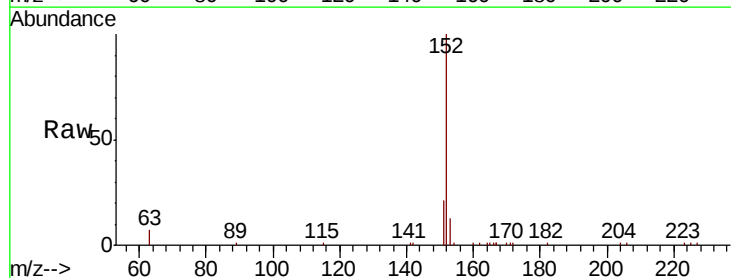
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

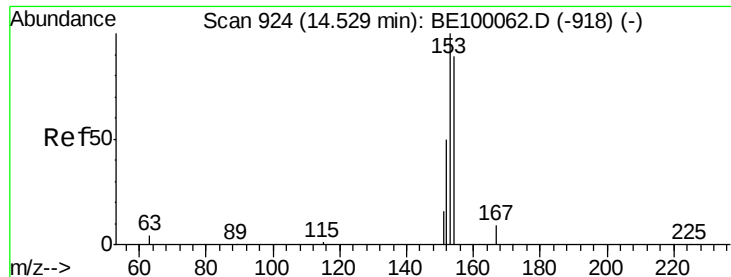
Tot Ion:172 Resp: 11326
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.0 46.6
 170 24.9 21.3 31.9



#16
 Acenaphthylene
 Concen: 1.661 ng
 RT: 14.17 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BE100064.D
 Acq: 17 Jun 2019 13:44

Tgt Ion:152 Resp: 14575
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.1 24.1
 153 13.1 11.1 16.7

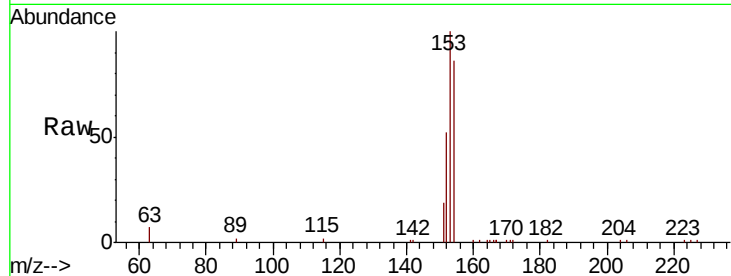




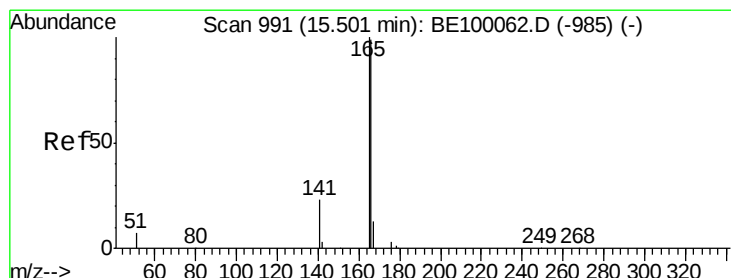
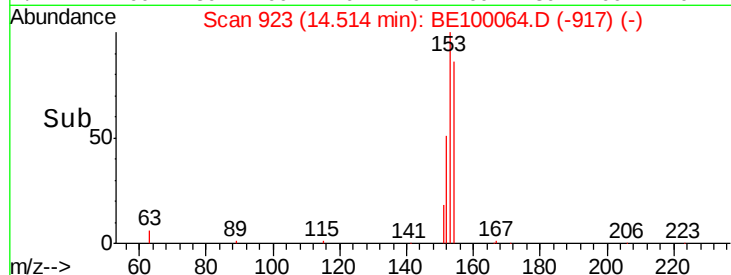
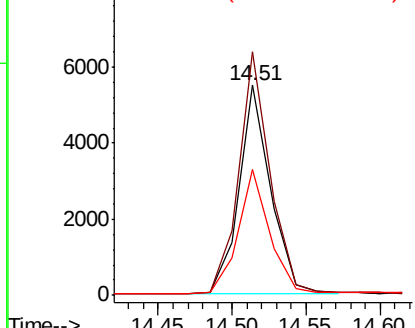
#17
Acenaphthene
Concen: 1.689 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:154 Resp: 8074
Ion Ratio Lower Upper
154 100
153 115.9 94.3 141.5
152 59.7 49.0 73.6

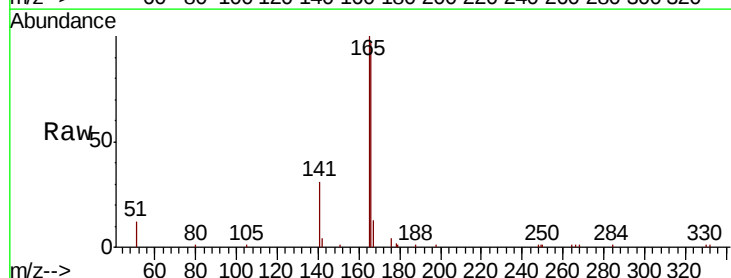


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

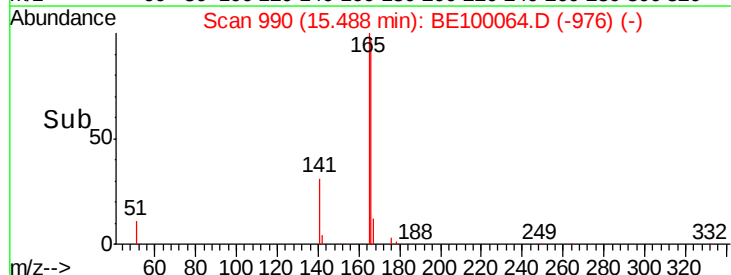
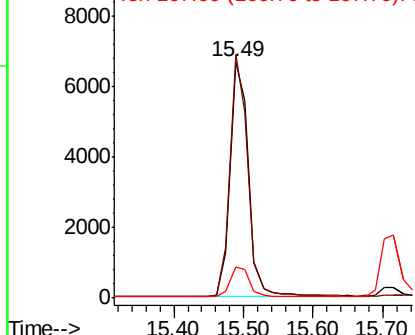


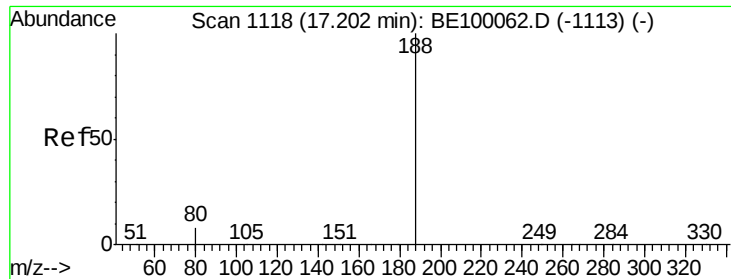
#18
Fluorene
Concen: 1.686 ng
RT: 15.49 min Scan# 990
Delta R.T. -0.01 min
Lab File: BE100064.D
Acq: 17 Jun 2019 13:44

Tgt Ion:166 Resp: 12095
Ion Ratio Lower Upper
166 100
165 99.6 82.3 123.5
167 13.1 11.0 16.4



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: 17.20 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

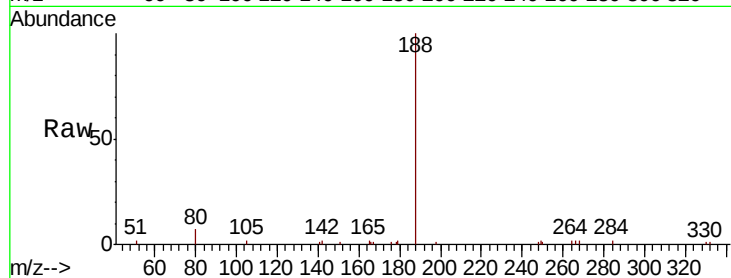
Tot Ion:188 Resp: 5439

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

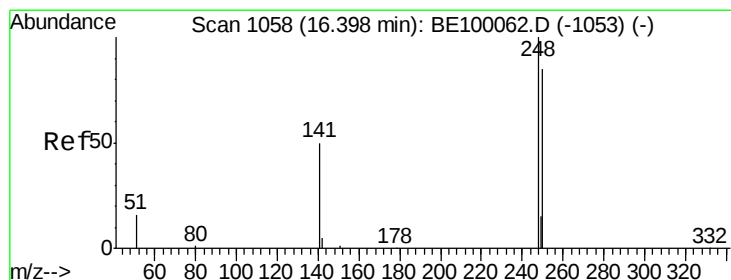
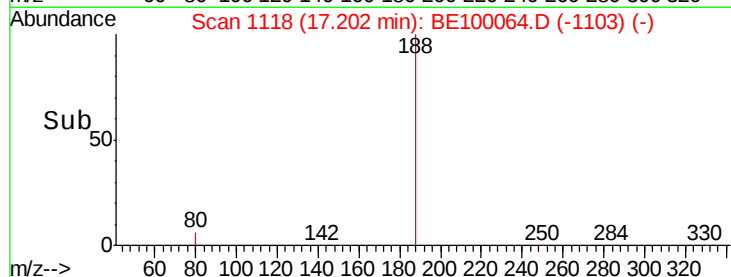
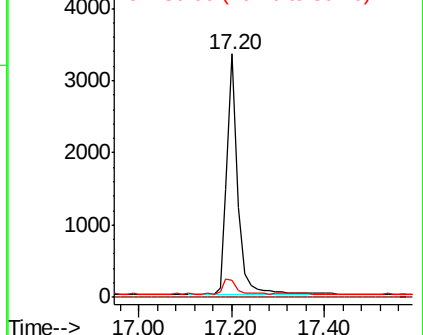
80 6.9 8.2 12.4#



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: 1.715 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

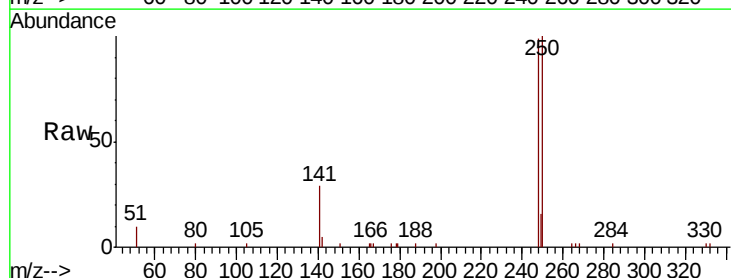
Tgt Ion:248 Resp: 5284

Ion Ratio Lower Upper

248 100

250 100.9 69.8 104.8

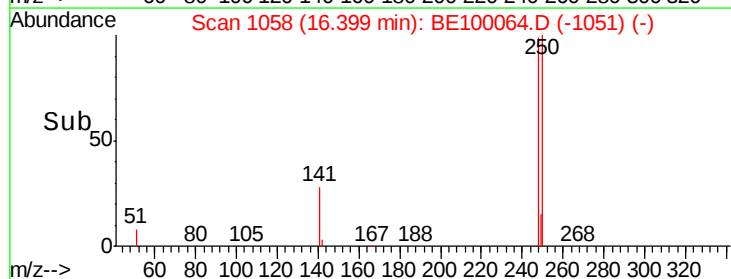
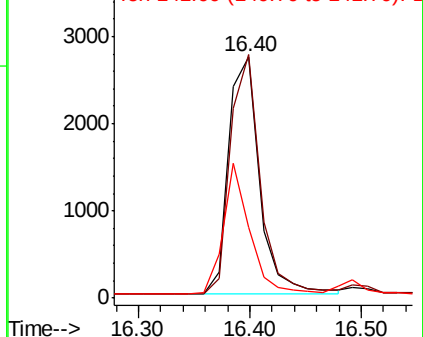
141 29.5 43.0 64.6#

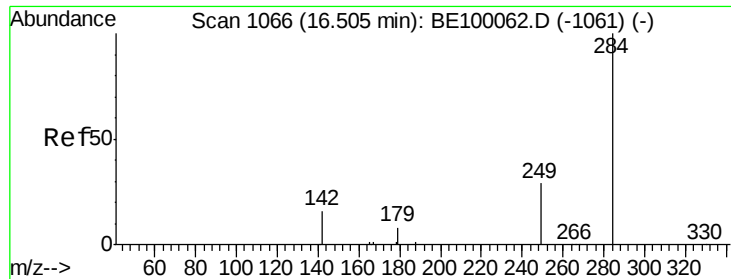


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.711 ng

RT: 16.51 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

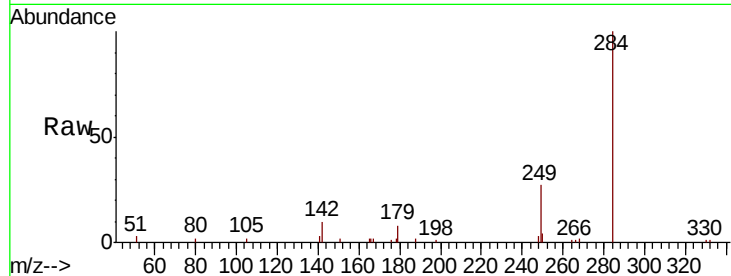
Tot Ion:284 Resp: 5387

Ion Ratio Lower Upper

284 100

142 24.3 20.3 30.5

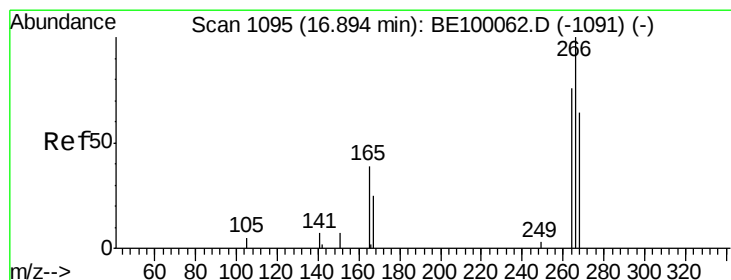
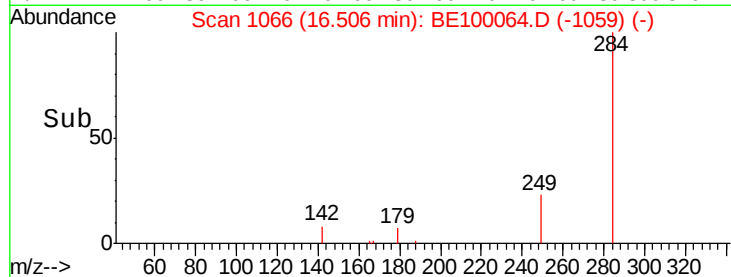
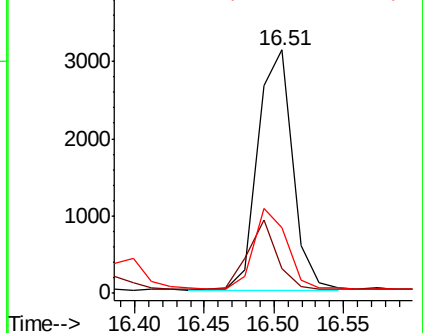
249 31.7 25.3 37.9



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: 1.591 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.03 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

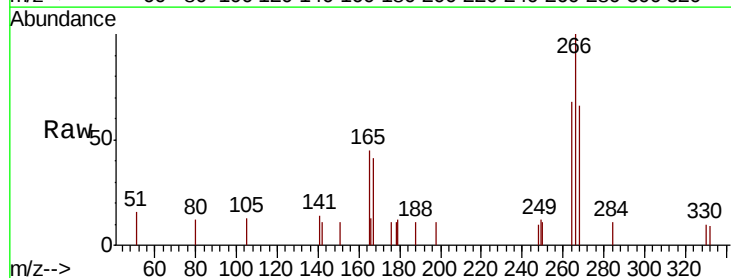
Tgt Ion:266 Resp: 1569

Ion Ratio Lower Upper

266 100

264 67.6 68.6 102.8#

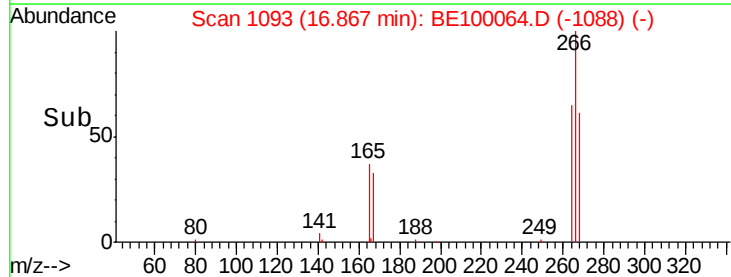
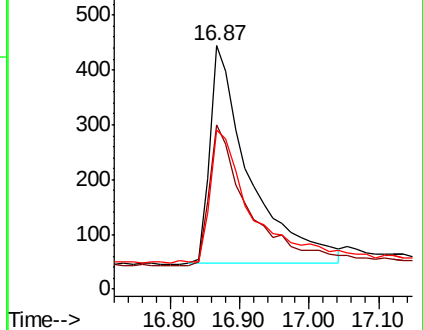
268 65.5 67.0 100.6#

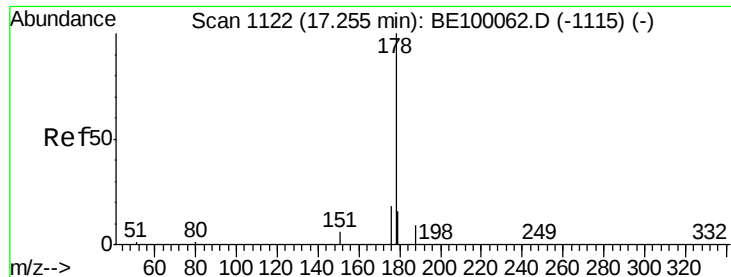


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.649 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

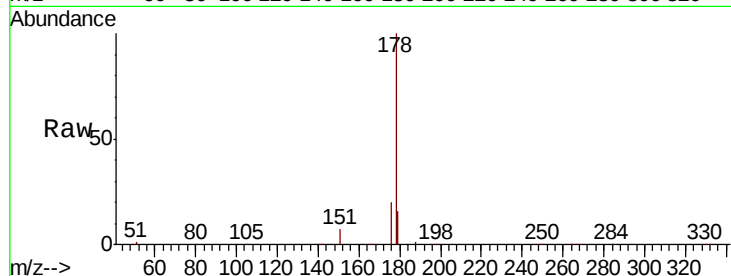
Tot Ion:178 Resp: 21759

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

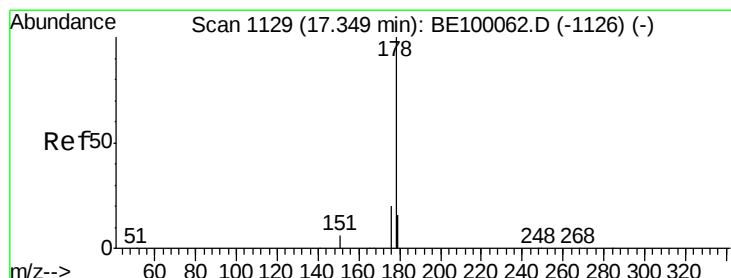
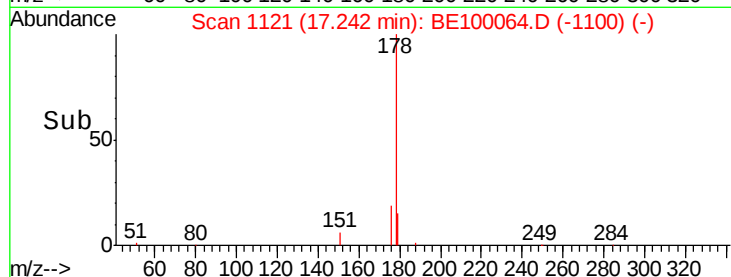
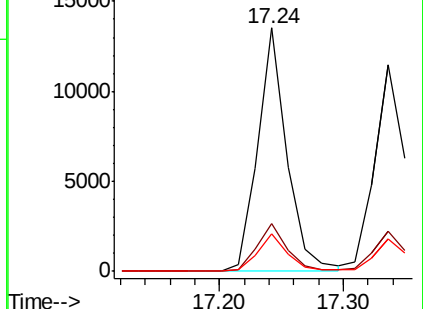
179 15.3 12.4 18.6



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: 1.688 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

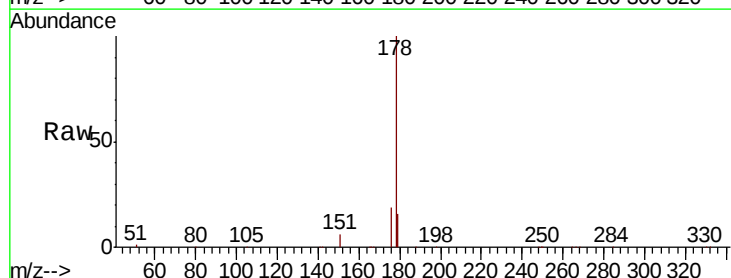
Tgt Ion:178 Resp: 20431

Ion Ratio Lower Upper

178 100

176 18.9 14.6 21.8

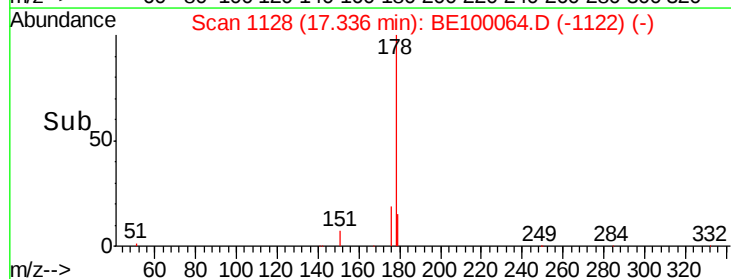
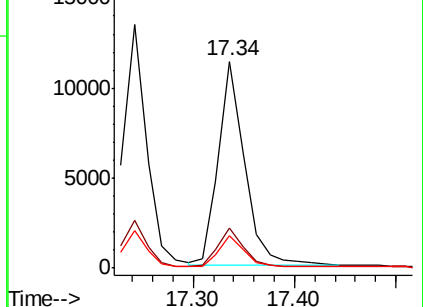
179 15.0 12.6 19.0

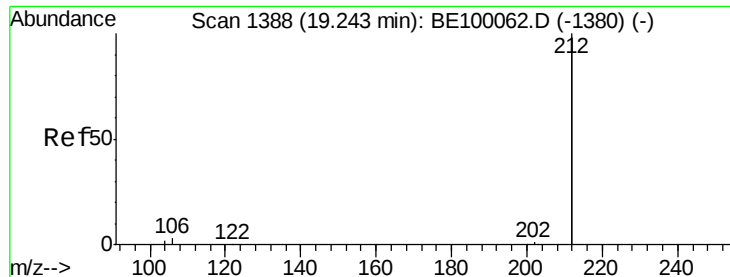


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.533 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

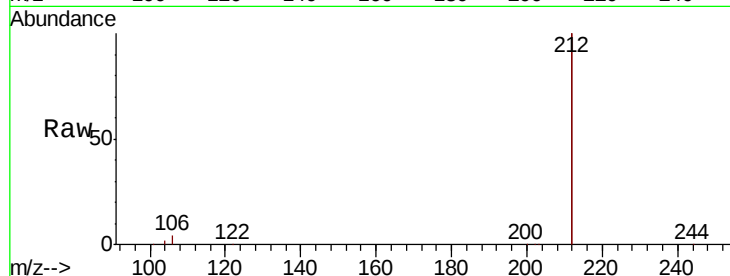
Tot Ion:212 Resp: 121505

Ion Ratio Lower Upper

212 100

106 1.9 1.4 2.2

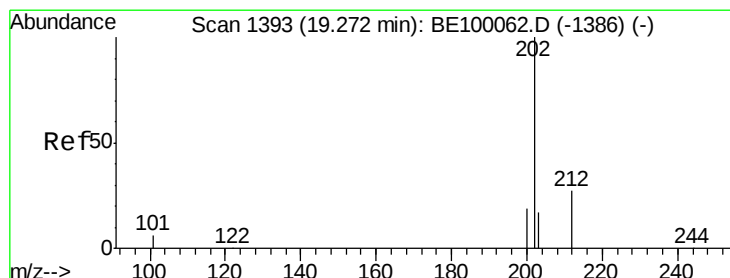
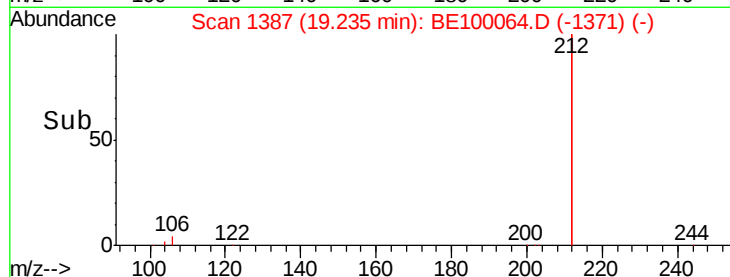
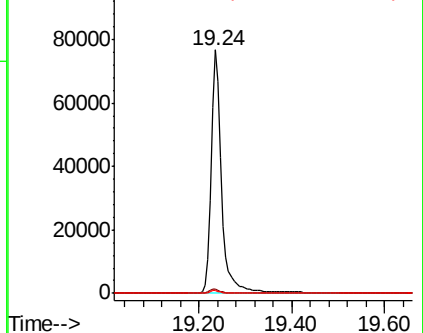
104 1.1 0.9 1.3



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: 1.550 ng

RT: 19.26 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

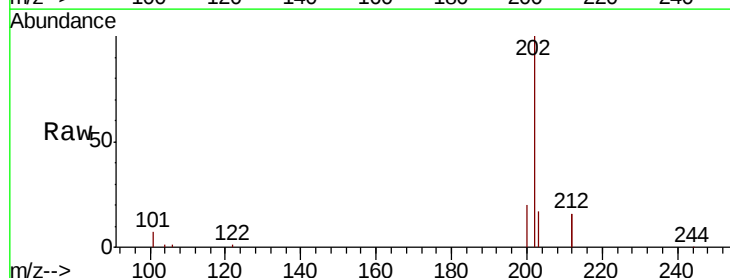
Tgt Ion:202 Resp: 34766

Ion Ratio Lower Upper

202 100

101 6.8 5.3 7.9

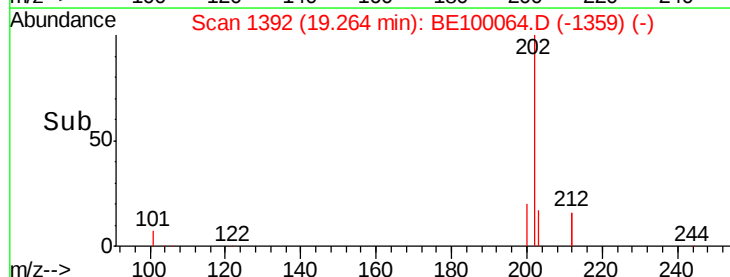
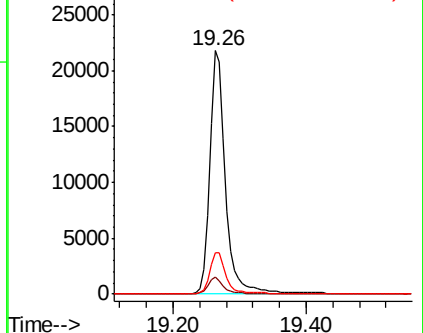
203 17.0 13.3 19.9

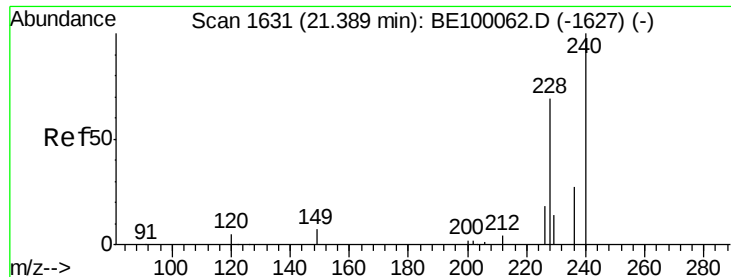


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

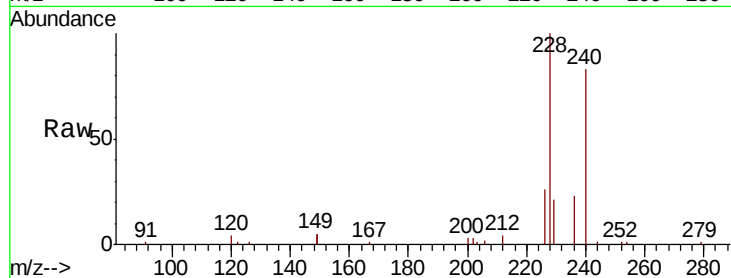
Tot Ion:240 Resp: 9027

Ion Ratio Lower Upper

240 100

120 4.6 5.4 8.0#

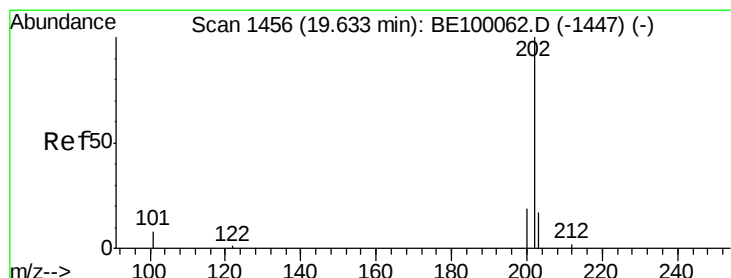
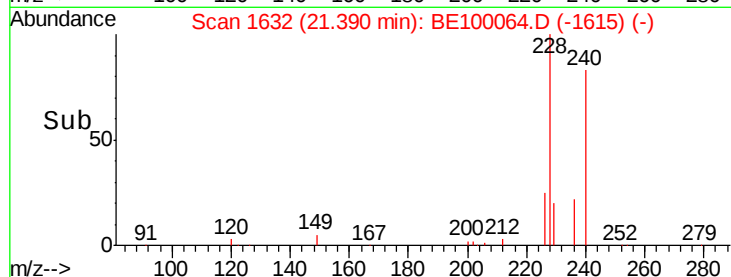
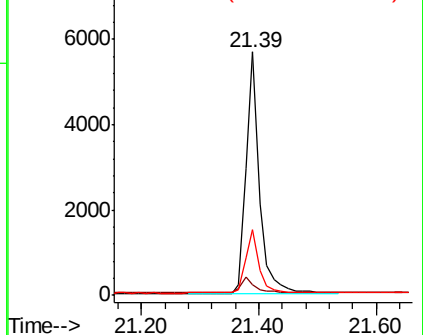
236 27.1 22.6 33.8



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: 1.504 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

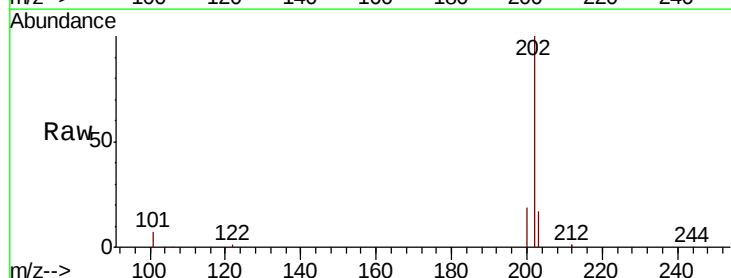
Tgt Ion:202 Resp: 35671

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

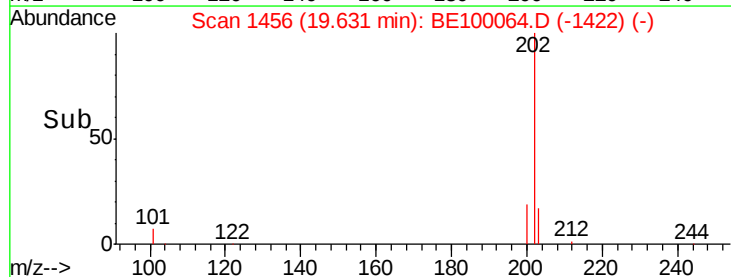
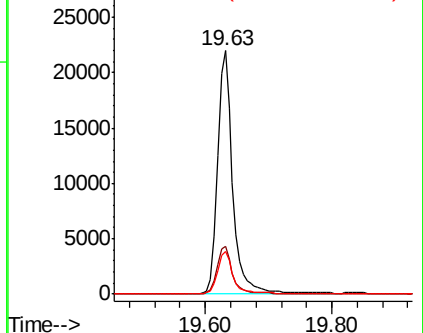
203 17.4 14.0 21.0

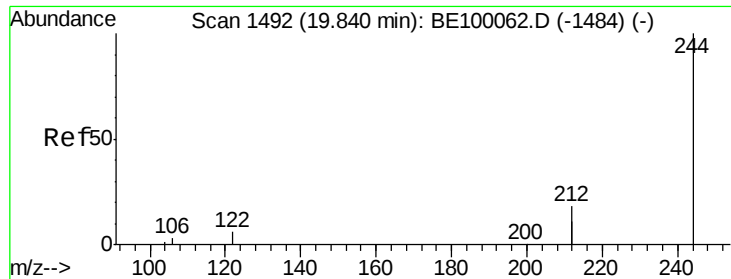


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.479 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

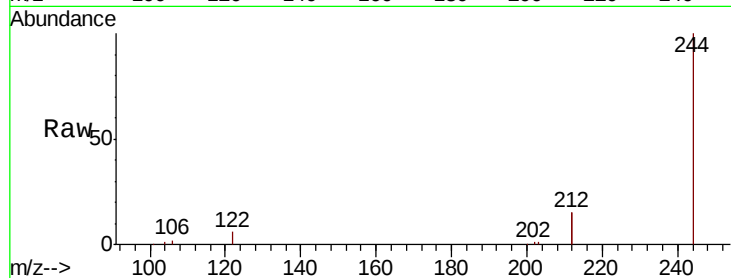
Tot Ion:244 Resp: 24034

Ion Ratio Lower Upper

244 100

212 30.6 27.9 41.9

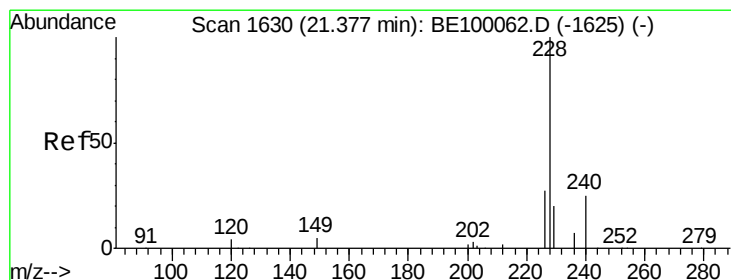
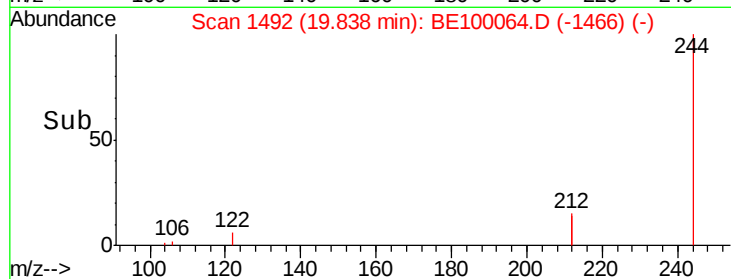
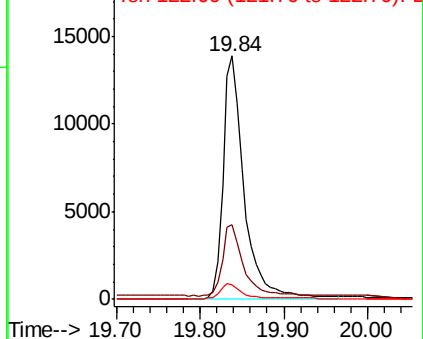
122 6.0 5.8 8.6



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: 1.569 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

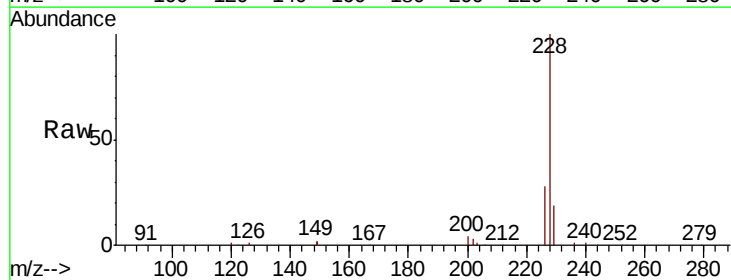
Tgt Ion:228 Resp: 42321

Ion Ratio Lower Upper

228 100

226 28.0 22.1 33.1

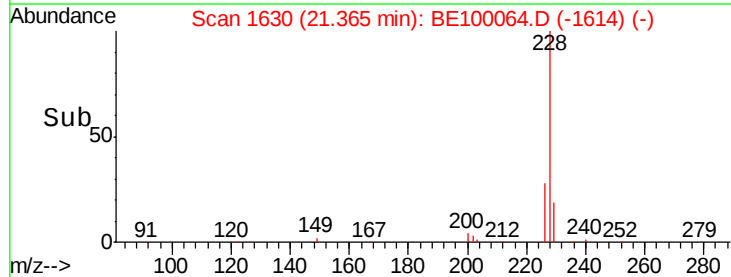
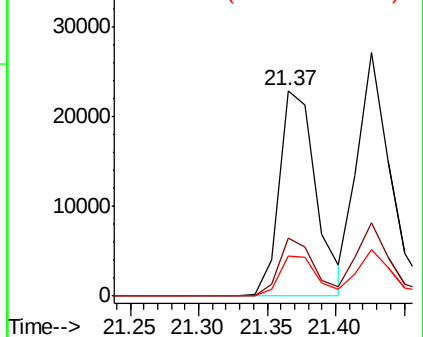
229 19.2 16.9 25.3

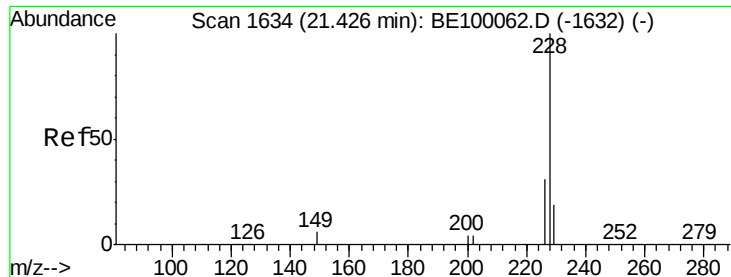


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.612 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

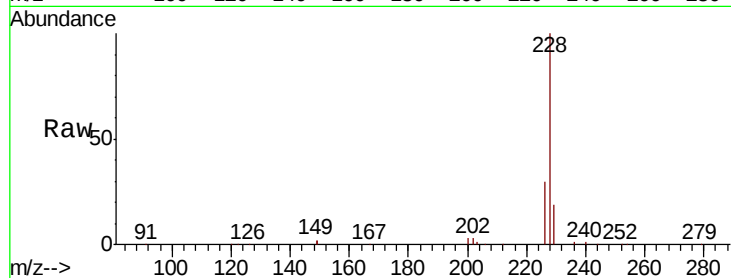
Tot Ion:228 Resp: 44966

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

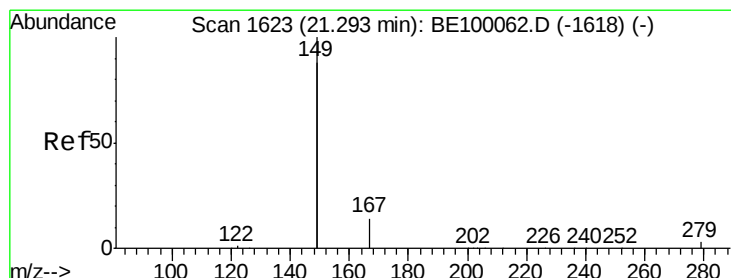
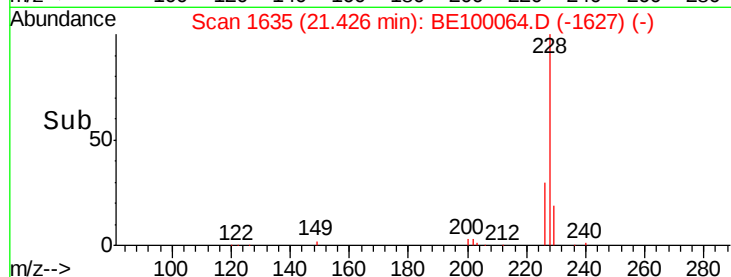
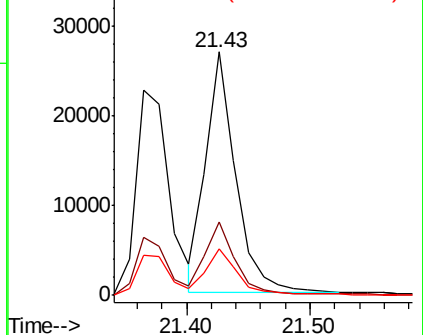
229 19.3 15.8 23.8



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: 1.351 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

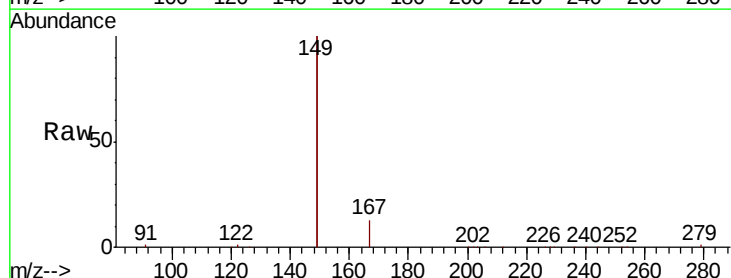
Tgt Ion:149 Resp: 52297

Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

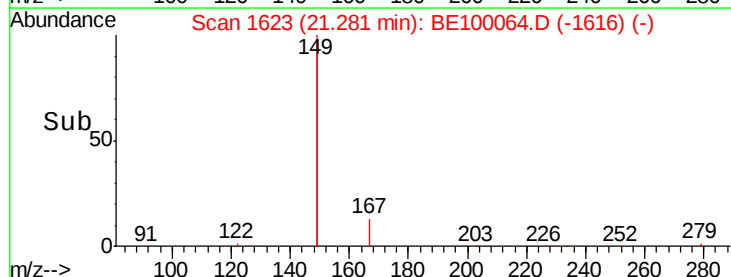
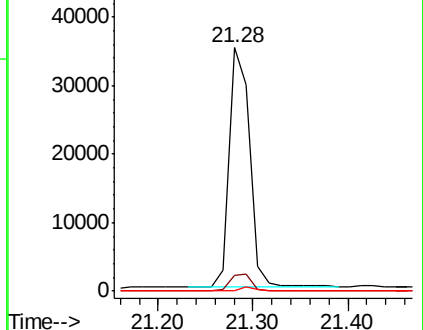
279 1.3 1.0 1.6

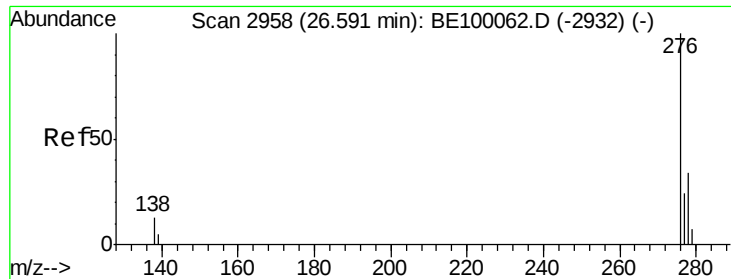


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.651 ng

RT: 26.58 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

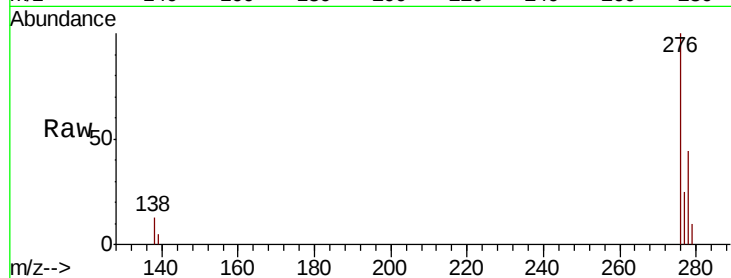
Tot Ion:276 Resp: 54605

Ion Ratio Lower Upper

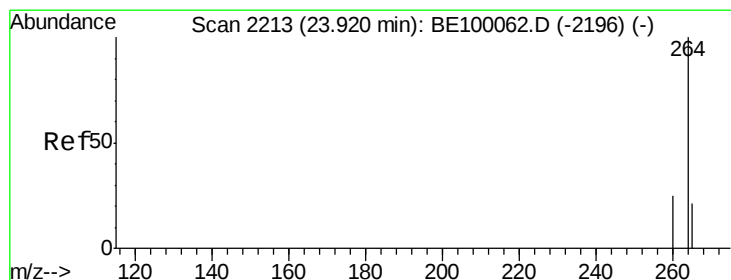
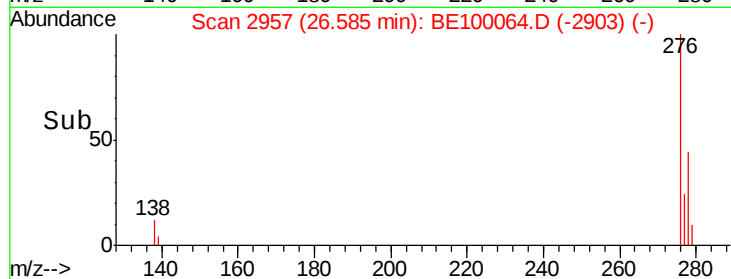
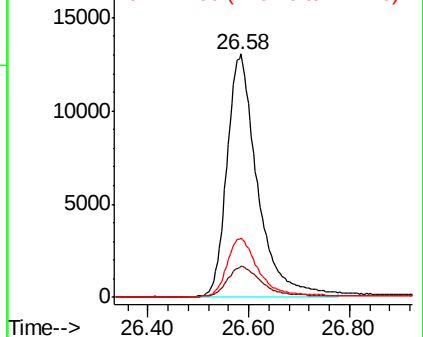
276 100

138 13.6 10.7 16.1

277 24.7 19.0 28.6



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: 23.92 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

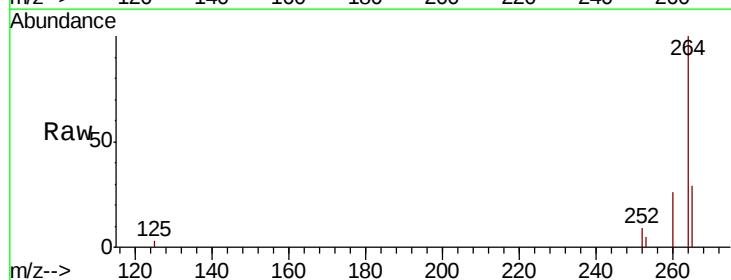
Tgt Ion:264 Resp: 9474

Ion Ratio Lower Upper

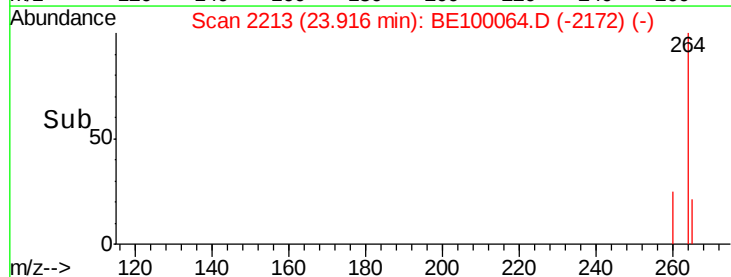
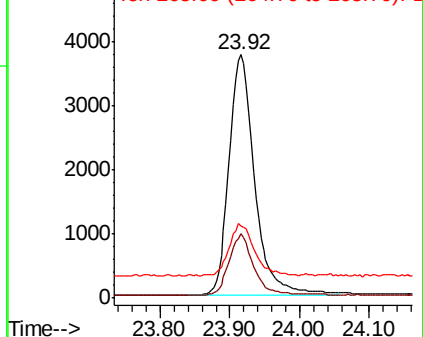
264 100

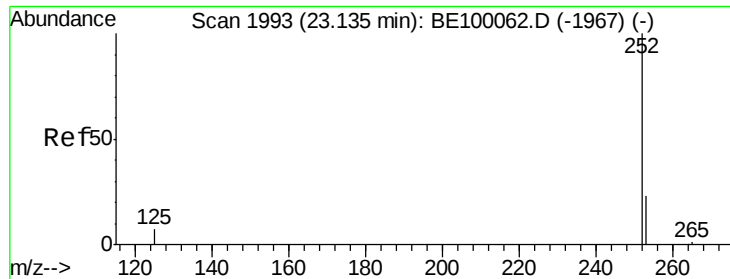
260 26.4 20.6 31.0

265 29.4 23.6 35.4



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: 1.658 ng

RT: 23.13 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

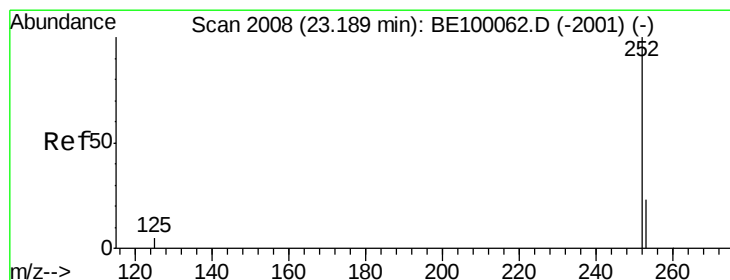
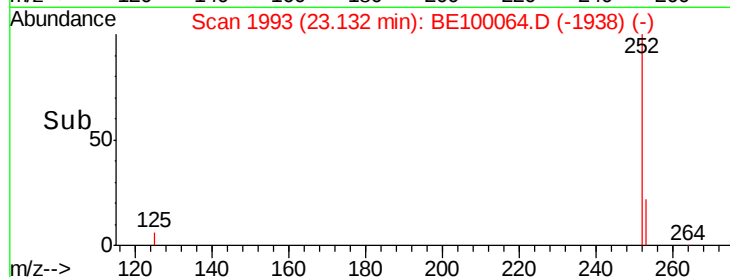
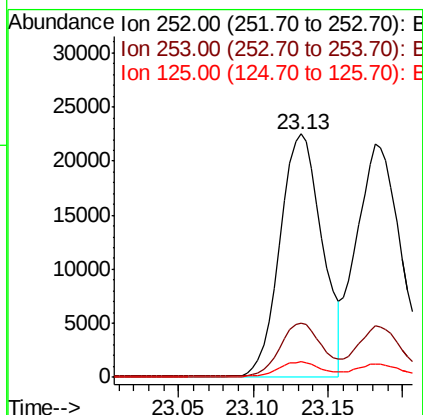
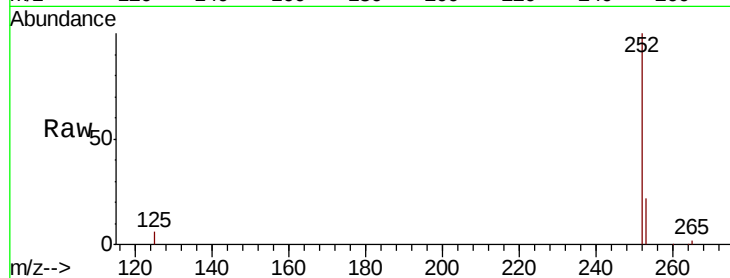
Tot Ion:252 Resp: 44006

Ion Ratio Lower Upper

252 100

253 22.2 19.6 29.4

125 6.2 7.2 10.8#



#36

Benzo(k)fluoranthene

Concen: 1.715 ng

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

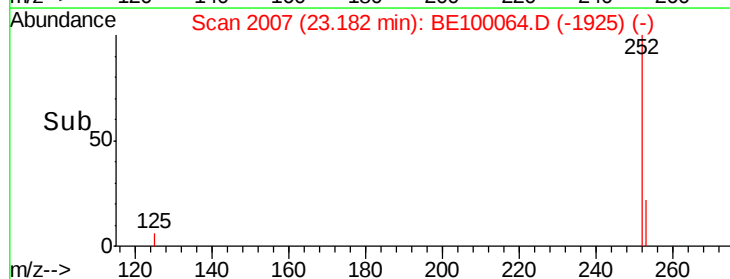
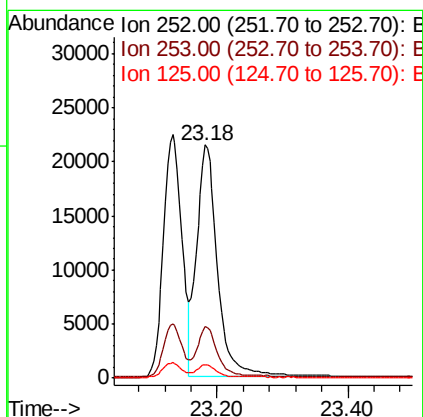
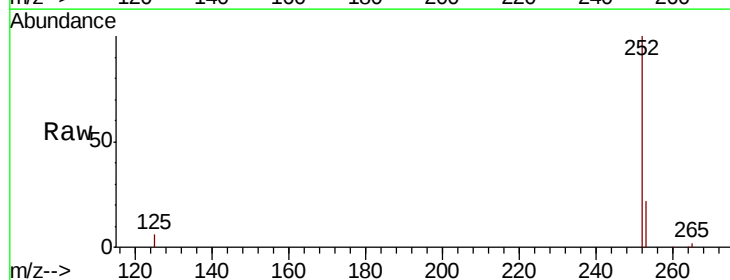
Tgt Ion:252 Resp: 47628

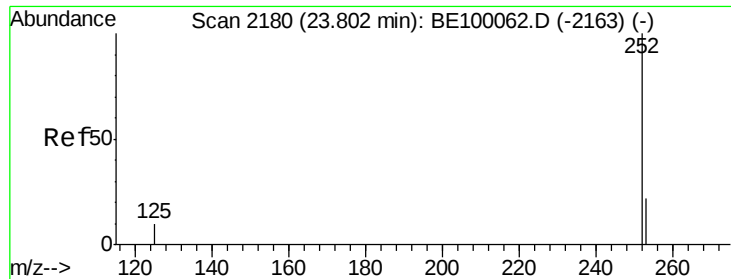
Ion Ratio Lower Upper

252 100

253 22.1 19.3 28.9

125 5.9 5.6 8.4





#37

Benzo(a)pyrene

Concen: 1.654 ng

RT: 23.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

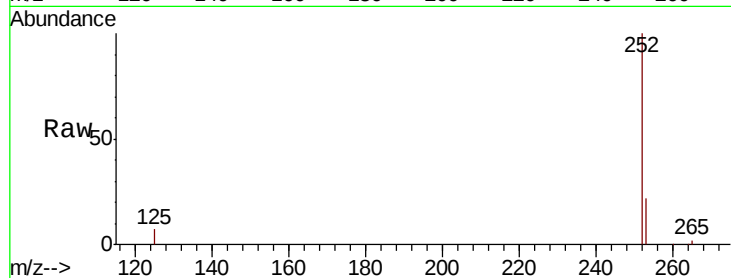
Tot Ion:252 Resp: 43252

Ion Ratio Lower Upper

252 100

253 22.4 20.0 30.0

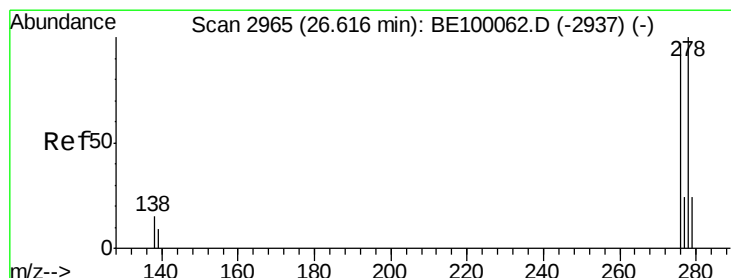
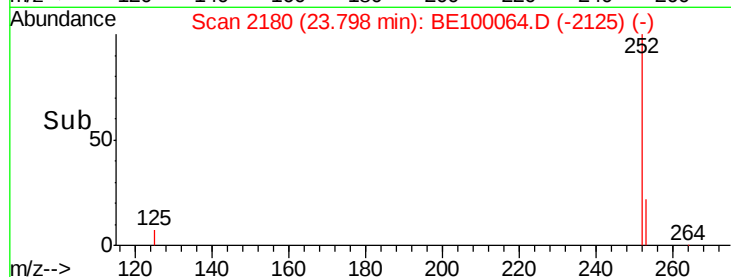
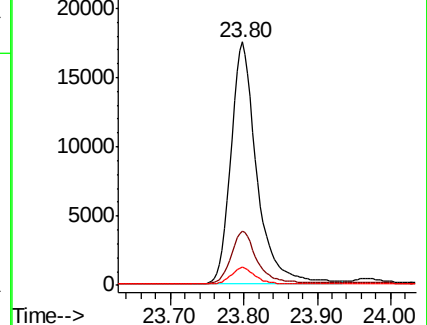
125 7.4 9.6 14.4#



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: 1.673 ng

RT: 26.61 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

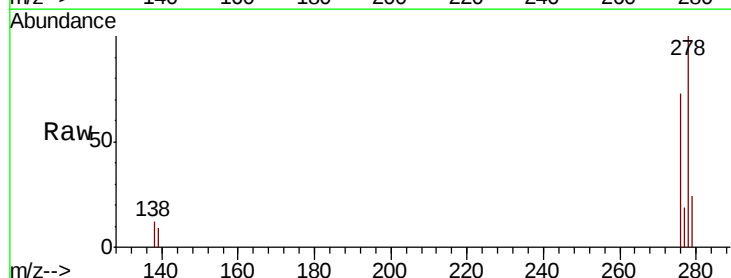
Tgt Ion:278 Resp: 44063

Ion Ratio Lower Upper

278 100

139 9.1 9.2 13.8#

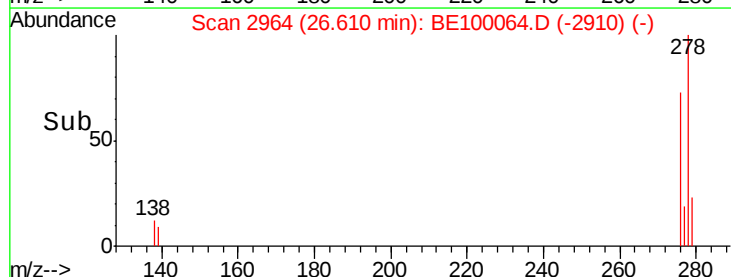
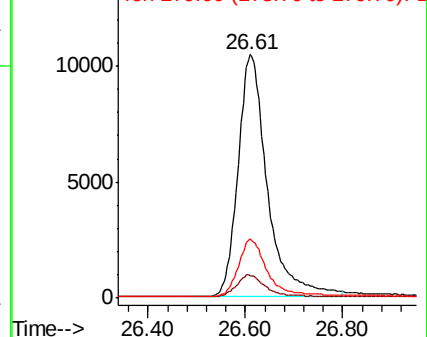
279 24.1 21.4 32.0

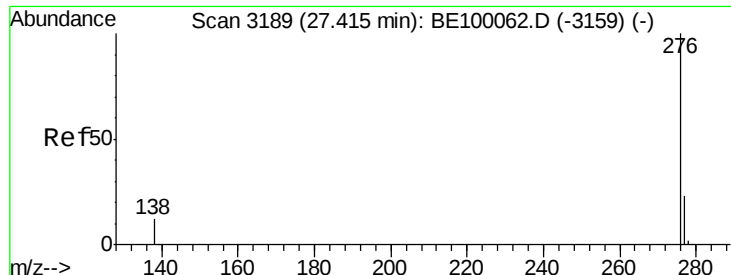


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.661 ng

RT: 27.41 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BE100064.D

Acq: 17 Jun 2019 13:44

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

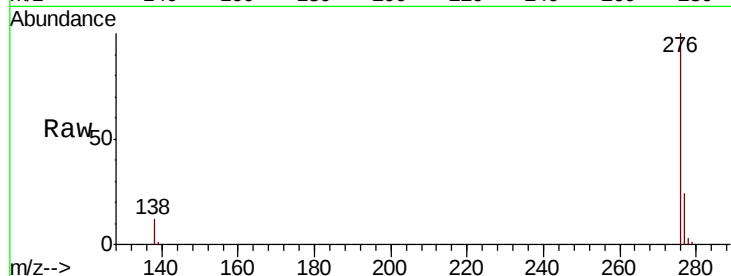
Tot Ion:276 Resp: 45194

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 12.1 11.0 16.6



Abundance Ion 276.00 (275.70 to 276.70): E

15000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

