

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100063.D
 Acq On : 17 Jun 2019 13:08
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 17 13:48:30 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	7.78	152	706	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2291	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	1718	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	5315	0.40	ng	0.00
27) Chrysene-d12	21.39	240	9156	0.40	ng	0.00
34) Perylene-d12	23.92	264	10279	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1448	0.76	ng	0.00
5) Phenol-d6	6.95	99	1769	0.72	ng	-0.01
8) Nitrobenzene-d5	8.95	82	1895	0.87	ng	-0.01
11) 2-Methylnaphthalene-d10	12.19	152	3412	0.85	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	777	0.61	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	5512	0.85	ng	0.00
25) Fluoranthene-d10	19.24	212	61256	0.79	ng	0.00
29) Terphenyl-d14	19.84	244	12009	0.73	ng	0.00

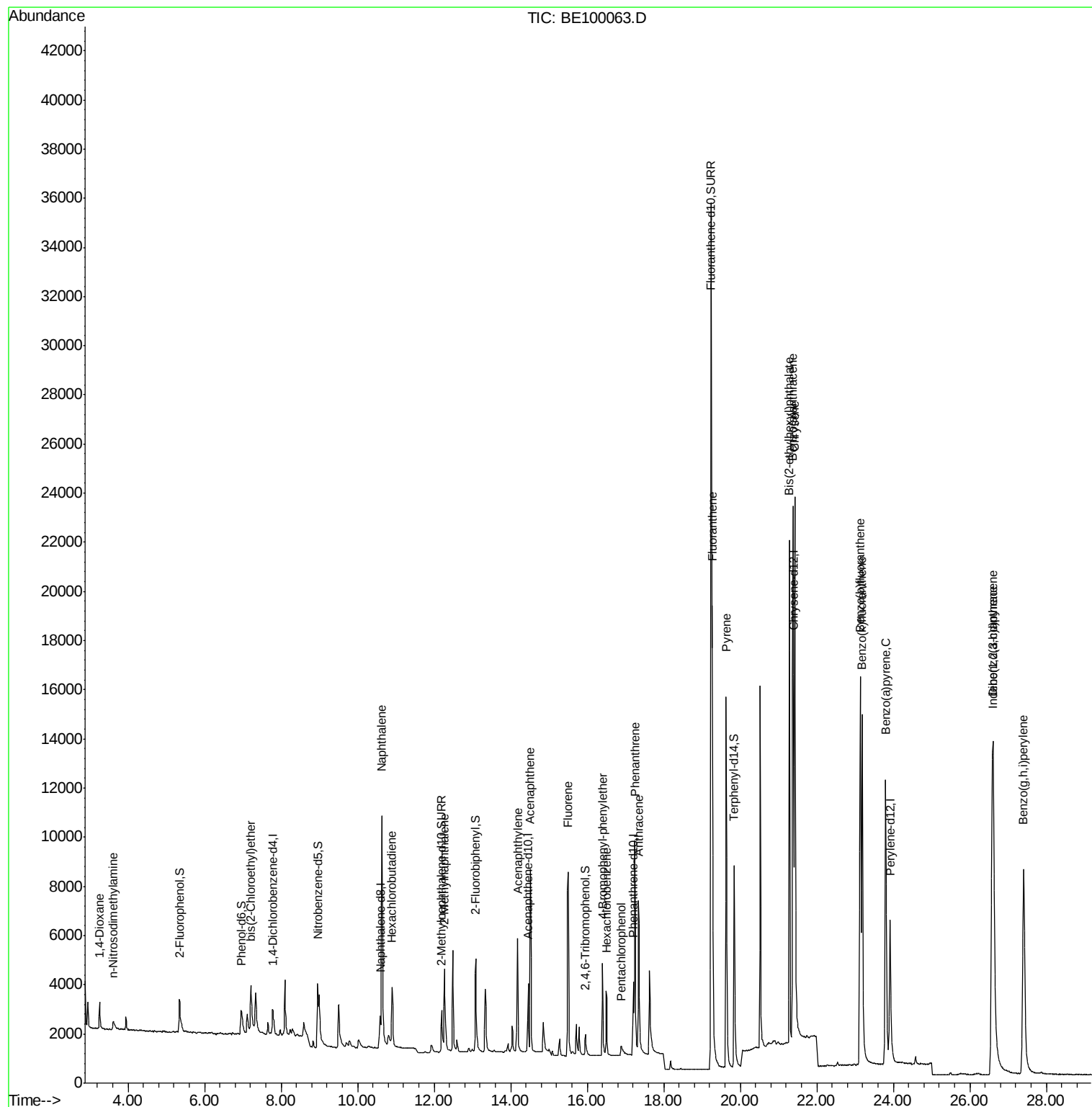
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	894	0.856	ng	93
3) n-Nitrosodimethylamine	3.60	42	352	0.584	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	1583	0.789	ng	95
9) Naphthalene	10.63	128	20993	0.849	ng	99
10) Hexachlorobutadiene	10.90	225	1836	0.973	ng	97
12) 2-Methylnaphthalene	12.27	142	3399	0.846	ng	97
16) Acenaphthylene	14.18	152	7204	0.843	ng	98
17) Acenaphthene	14.51	154	3903	0.838	ng	99
18) Fluorene	15.50	166	5835	0.835	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	2619	0.870	ng	# 82
21) Hexachlorobenzene	16.51	284	2690	0.874	ng	99
22) Pentachlorophenol	16.89	266	643	0.667	ng	# 85
23) Phenanthrene	17.24	178	10748	0.833	ng	100
24) Anthracene	17.34	178	9468	0.801	ng	99
26) Fluoranthene	19.27	202	17483	0.798	ng	99
28) Pyrene	19.63	202	17893	0.744	ng	100
30) Benzo(a)anthracene	21.38	228	21733	0.794	ng	98
31) Chrysene	21.43	228	24125	0.853	ng	100
32) Bis(2-ethylhexyl)phthalate	21.28	149	27423	0.698	ng	100
33) Indeno(1,2,3-cd)pyrene	26.58	276	30156	0.899	ng	98
35) Benzo(b)fluoranthene	23.14	252	24300	0.844	ng	# 96
36) Benzo(k)fluoranthene	23.19	252	26052	0.865	ng	97
37) Benzo(a)pyrene	23.80	252	23971	0.845	ng	# 96
38) Dibenzo(a,h)anthracene	26.61	278	23966	0.839	ng	97
39) Benzo(g,h,i)perylene	27.40	276	25126	0.851	ng	99

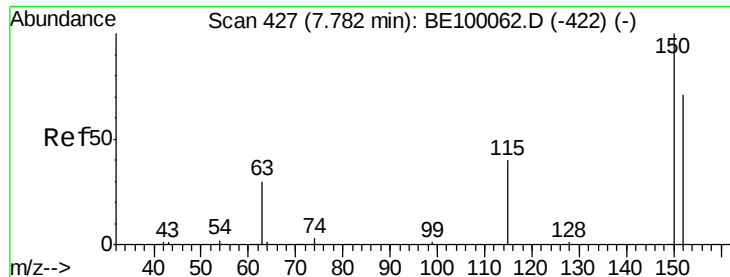
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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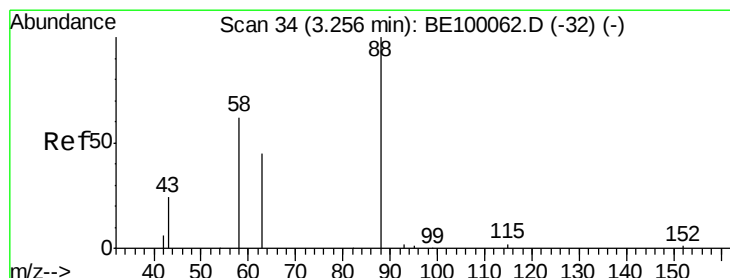
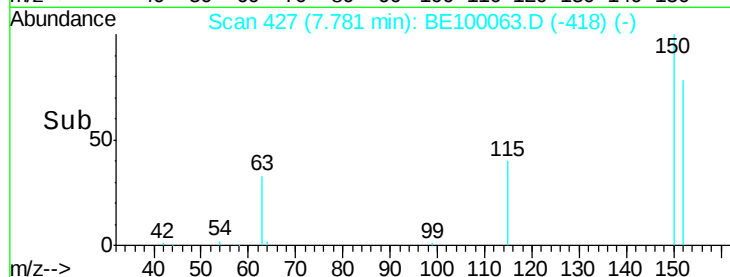
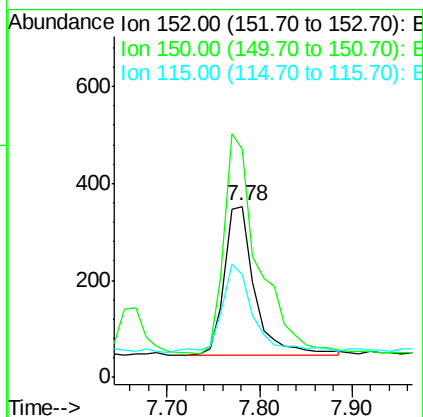
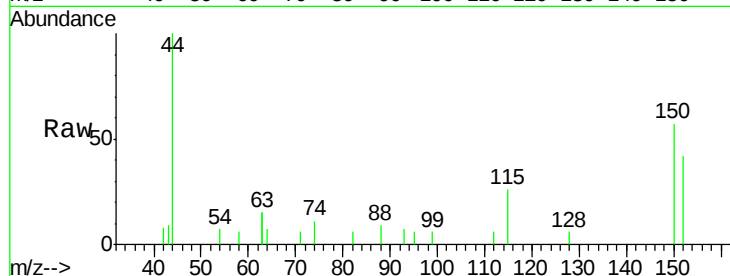


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

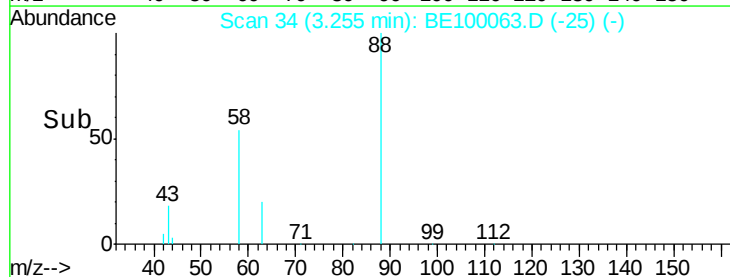
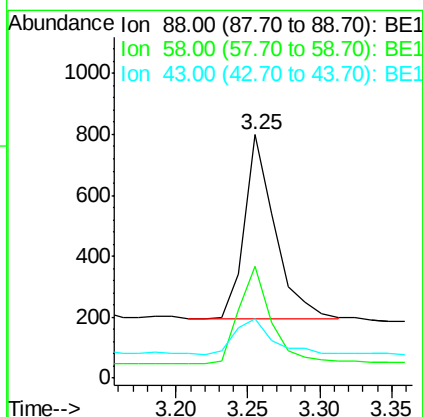
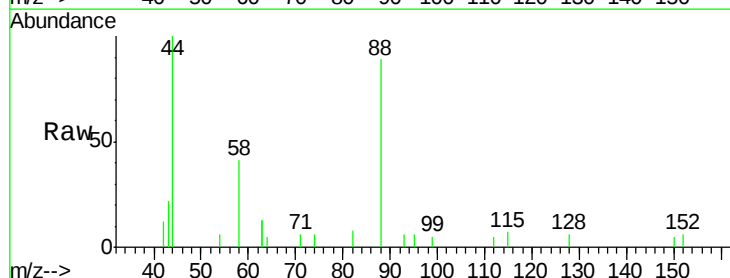
Tot Ion:152 Resp: 706
Ion Ratio Lower Upper
152 100
150 134.1 109.5 164.3
115 60.5 52.6 78.8

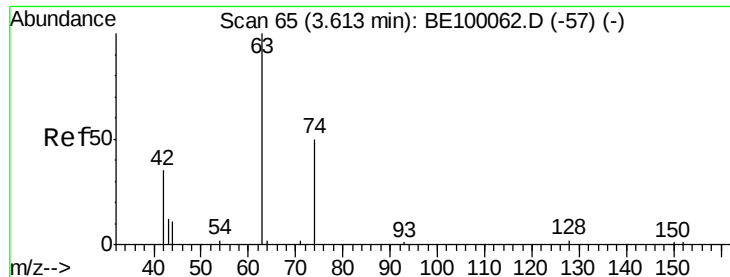


#2

1,4-Dioxane
Concen: 0.856 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion: 88 Resp: 894
Ion Ratio Lower Upper
88 100
58 57.2 41.9 62.9
43 22.7 15.8 23.8





#3

n-Nitrosodimethylamine

Concen: 0.584 ng

RT: 3.60 min Scan# 64

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

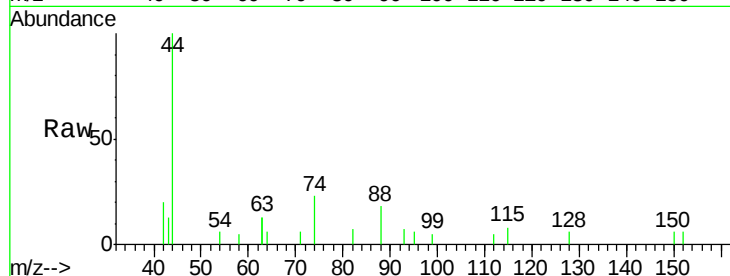
Tot Ion: 42 Resp: 352

Ion Ratio Lower Upper

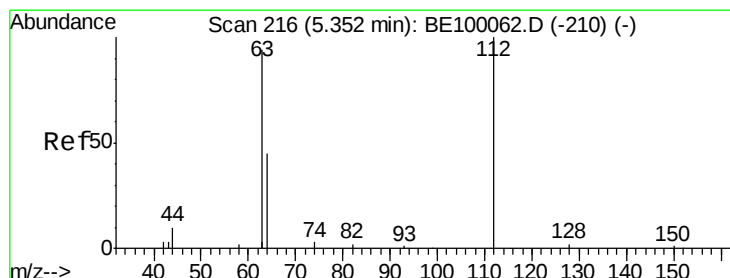
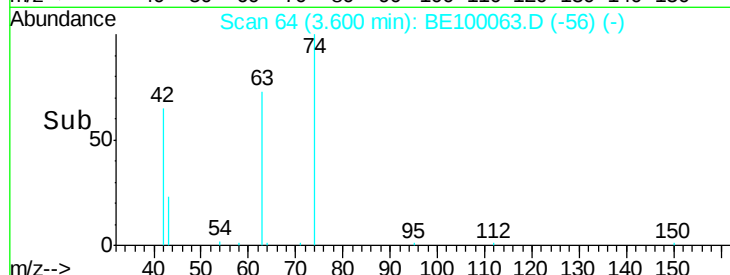
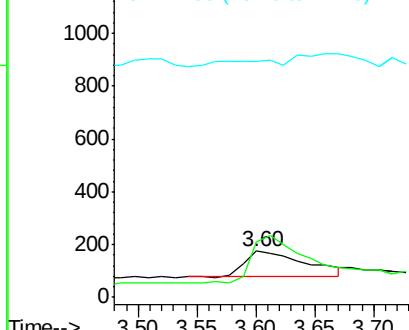
42 100

74 168.2 0.0 0.0#

44 0.0 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: 0.760 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

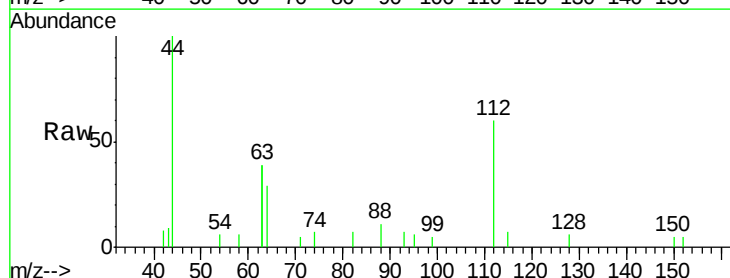
Tgt Ion: 112 Resp: 1448

Ion Ratio Lower Upper

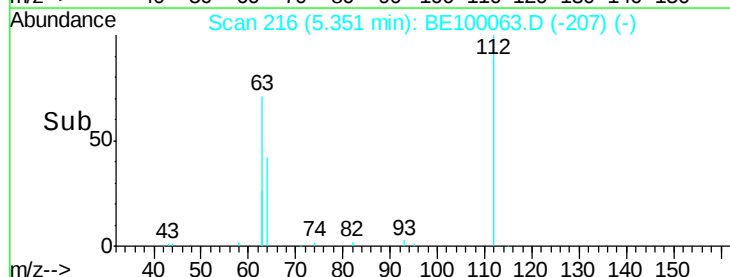
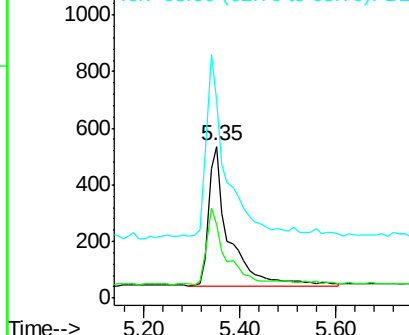
112 100

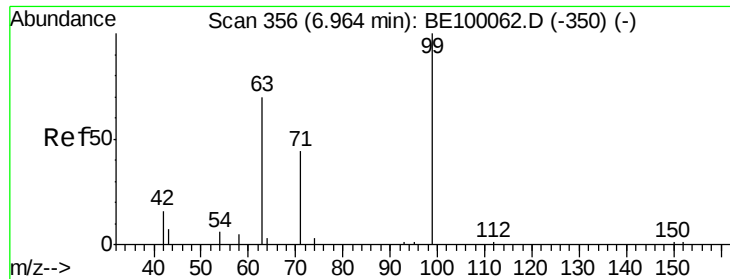
64 49.5 39.6 59.4

63 120.6 113.0 169.4



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





#5

Phenol-d6

Concen: 0.721 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

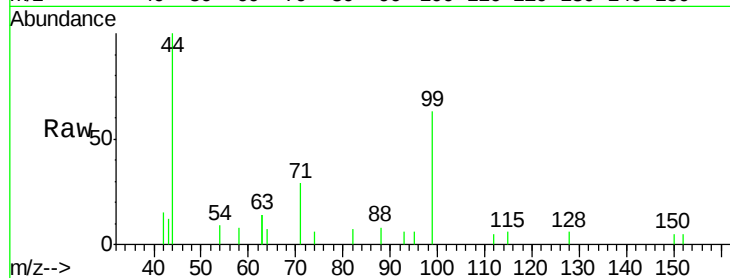
Tot Ion: 99 Resp: 1769

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.2

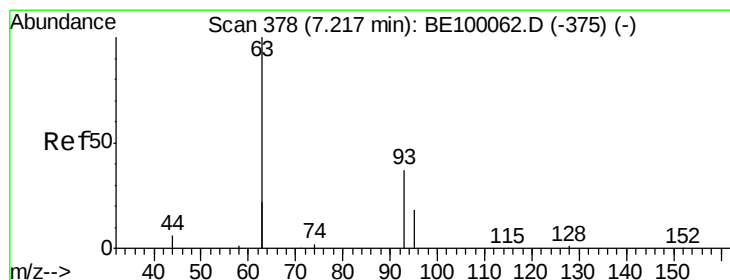
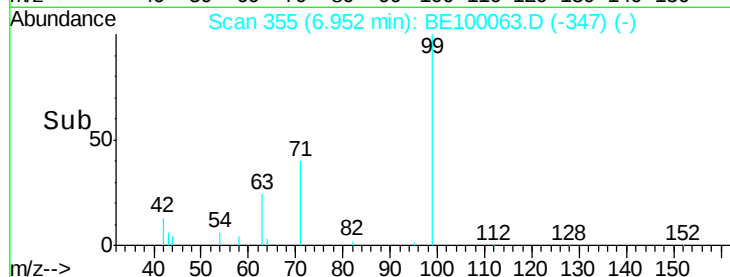
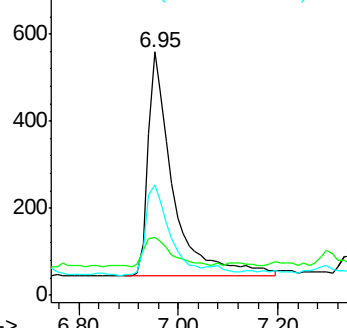
71 39.6 32.8 49.2



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: 0.789 ng

RT: 7.21 min Scan# 377

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

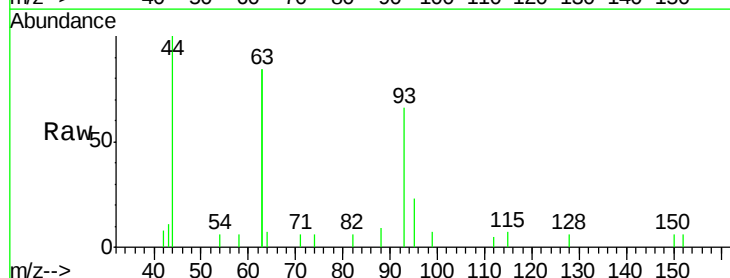
Tgt Ion: 93 Resp: 1583

Ion Ratio Lower Upper

93 100

63 214.7 165.0 247.6

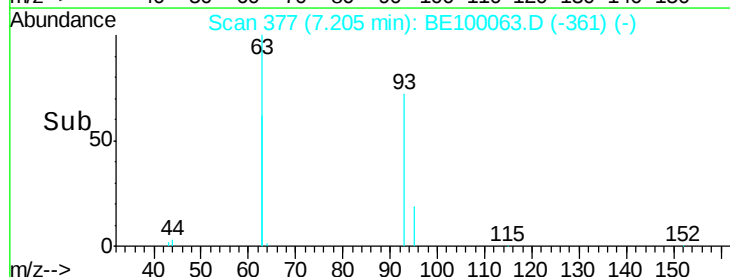
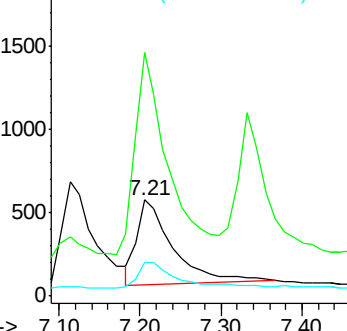
95 32.9 26.5 39.7

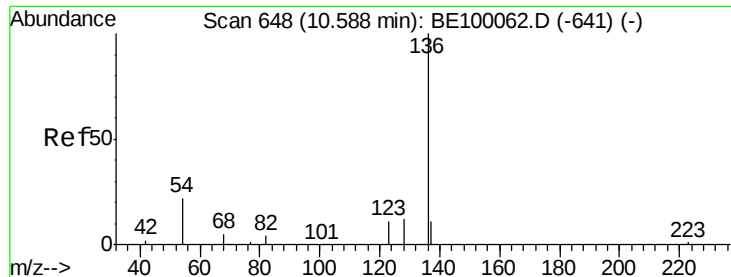


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 2291

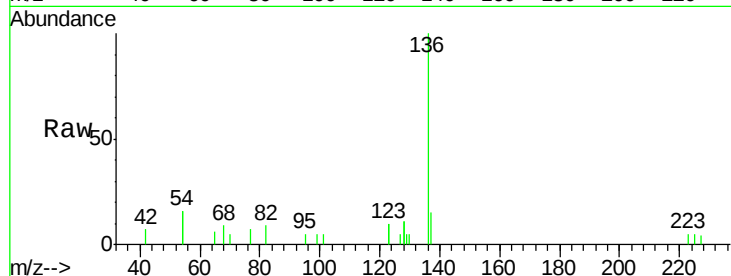
Ion Ratio Lower Upper

136 100

137 14.7 12.6 19.0

54 33.0 33.0 49.6#

68 8.9 8.6 12.8

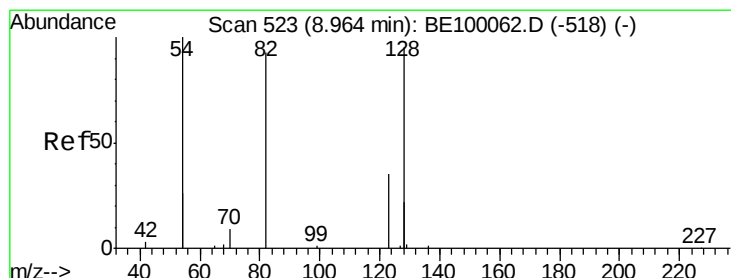
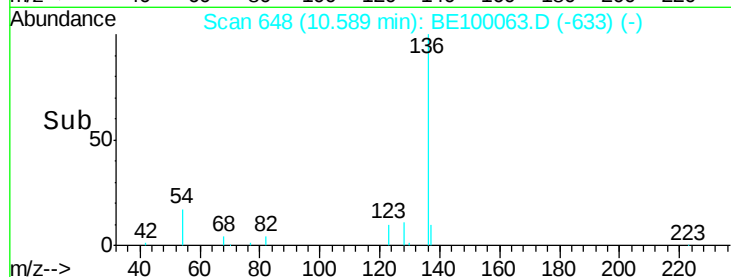
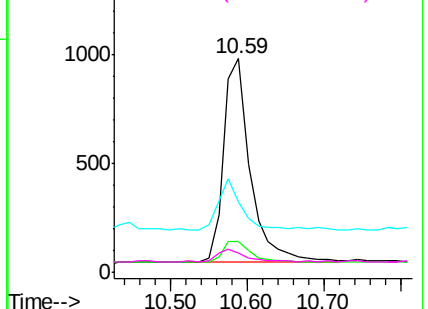


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.874 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

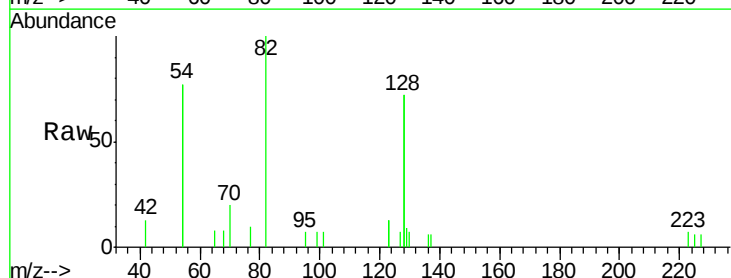
Tgt Ion: 82 Resp: 1895

Ion Ratio Lower Upper

82 100

128 144.8 134.6 201.8

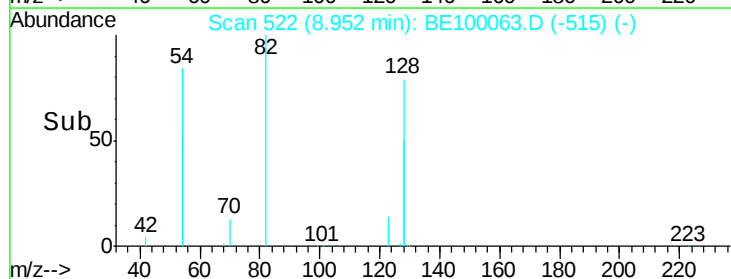
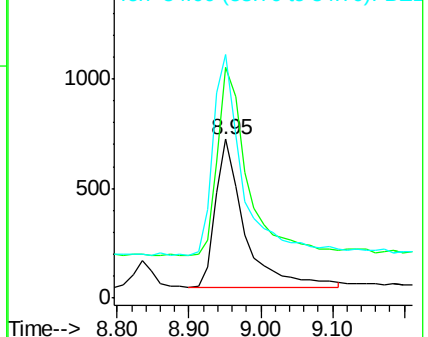
54 153.1 141.6 212.4

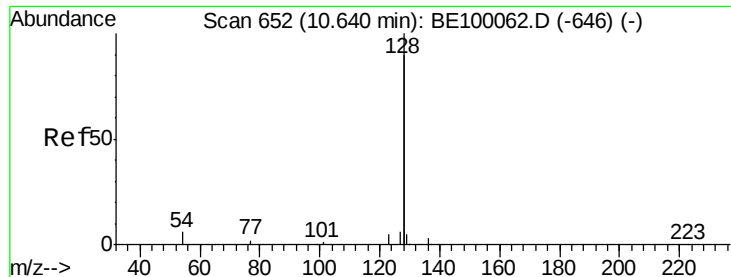


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.849 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

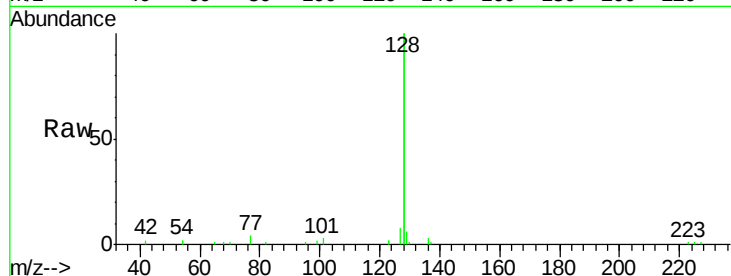
Tot Ion:128 Resp: 20993

Ion Ratio Lower Upper

128 100

129 3.2 3.0 4.4

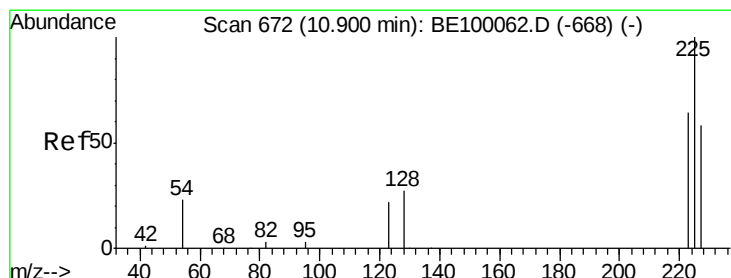
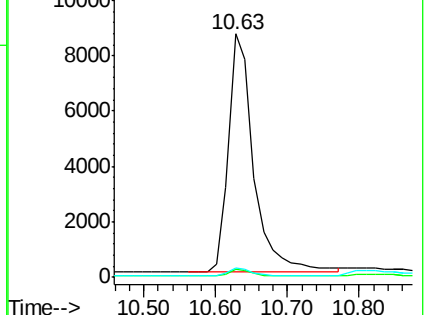
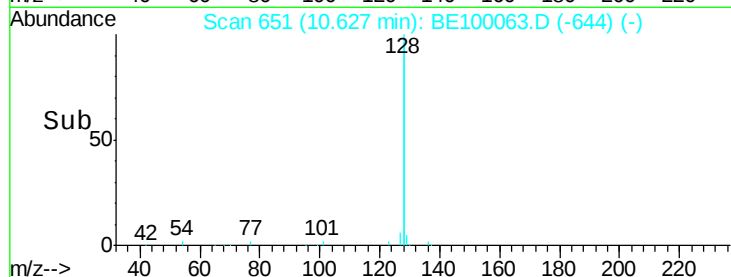
127 3.8 3.4 5.0



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: 0.973 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

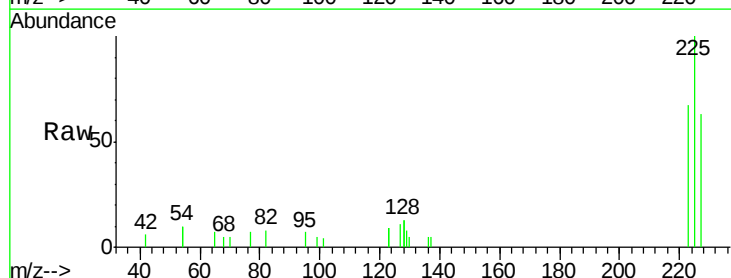
Tgt Ion:225 Resp: 1836

Ion Ratio Lower Upper

225 100

223 62.3 51.1 76.7

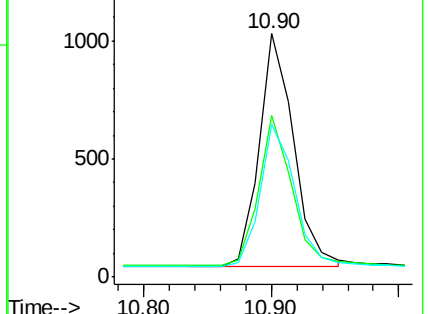
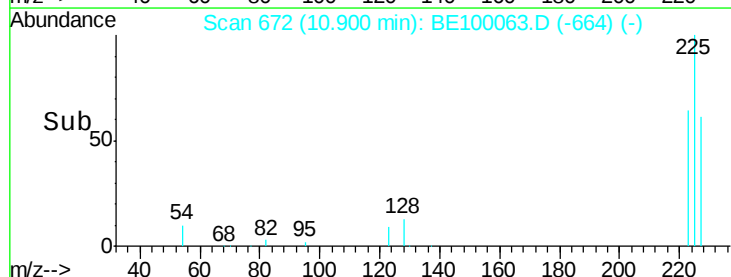
227 62.1 51.9 77.9

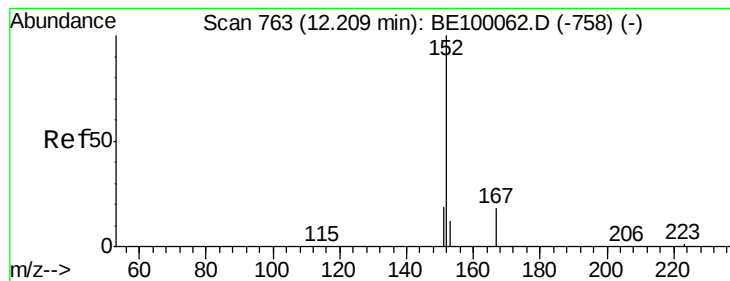


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.854 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

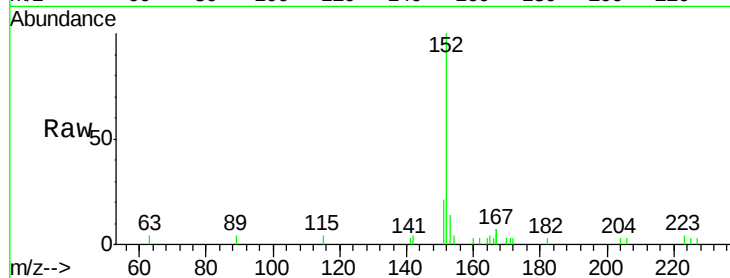
SSTDIC0.8

Tot Ion:152 Resp: 3412

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.19

1500

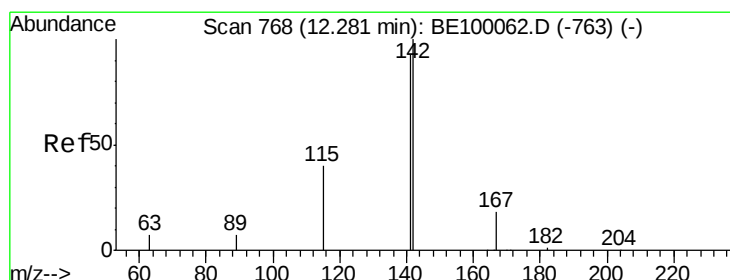
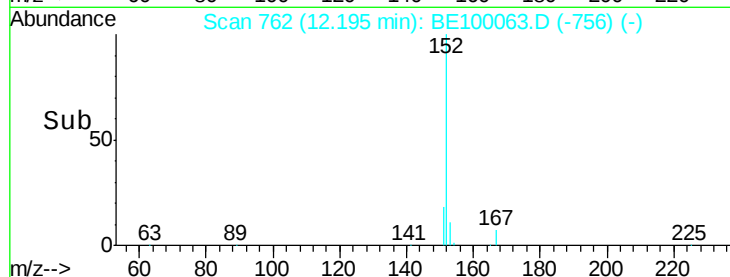
1000

500

0

Time-->

12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 0.846 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

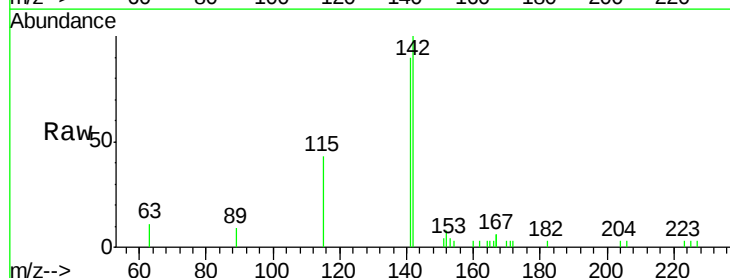
Tgt Ion:142 Resp: 3399

Ion Ratio Lower Upper

142 100

141 90.0 74.2 111.4

115 43.4 36.5 54.7



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

12.27

1500

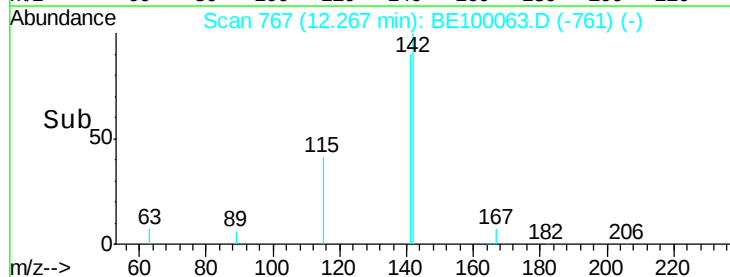
1000

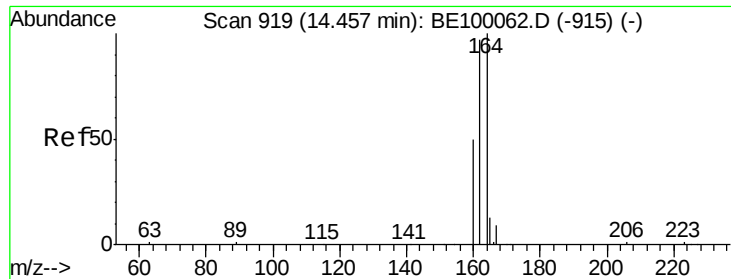
500

0

Time-->

12.20 12.30 12.40

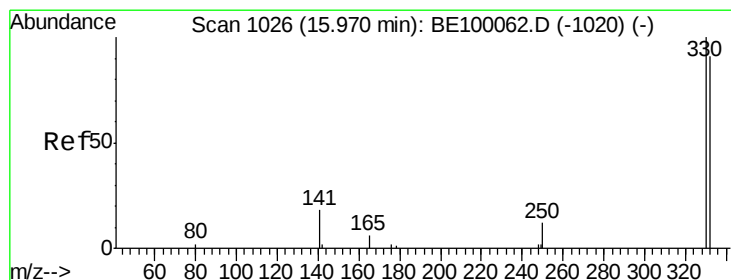
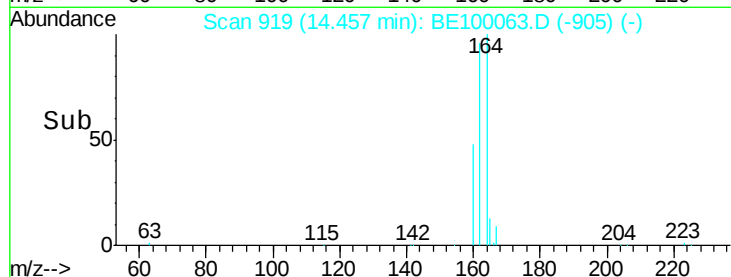
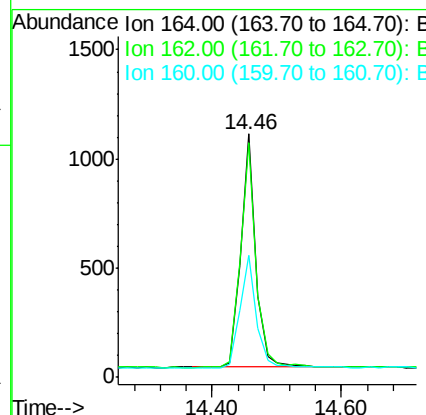
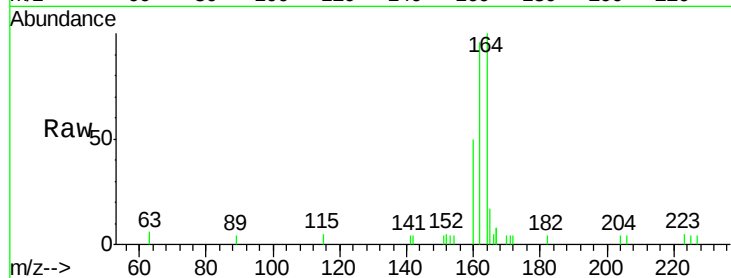




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE100063.D
 Acq: 17 Jun 2019 13:08

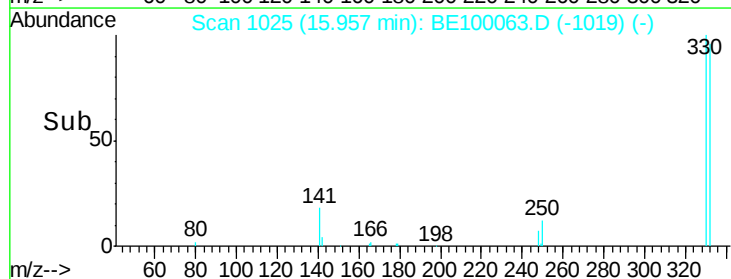
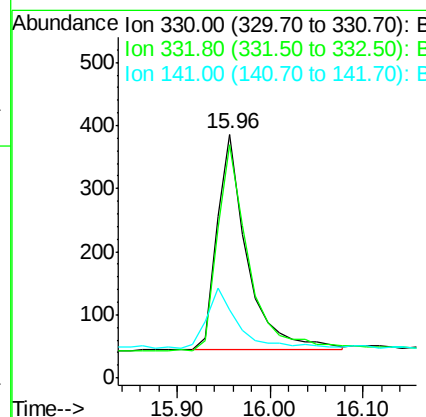
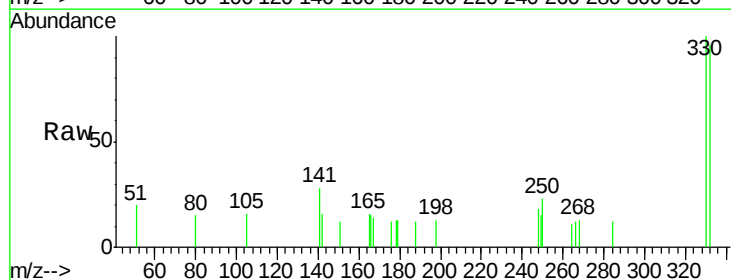
Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.8

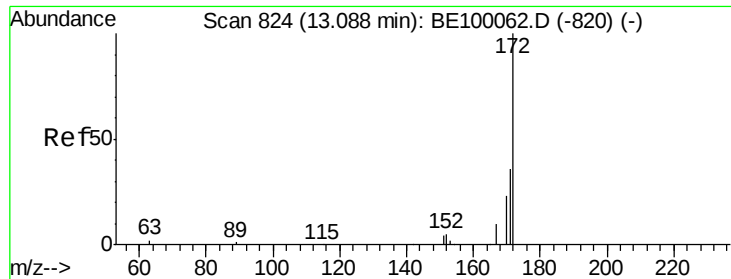
Tot Ion:164 Resp: 1718
 Ion Ratio Lower Upper
 164 100
 162 96.1 77.6 116.4
 160 50.0 41.7 62.5



#14
 2,4,6-Tribromophenol
 Concen: 0.612 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BE100063.D
 Acq: 17 Jun 2019 13:08

Tgt Ion:330 Resp: 777
 Ion Ratio Lower Upper
 330 100
 332 102.2 74.7 112.1
 141 28.6 20.3 30.5

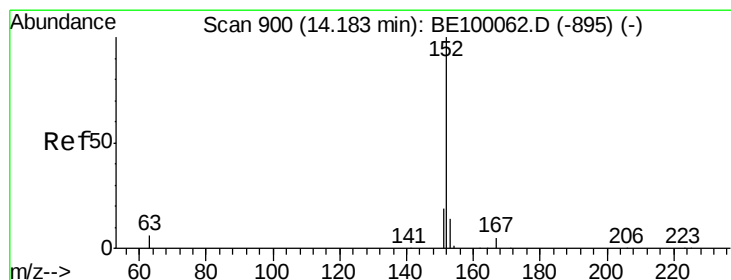
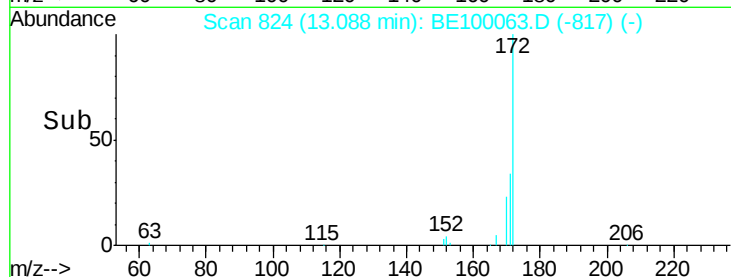
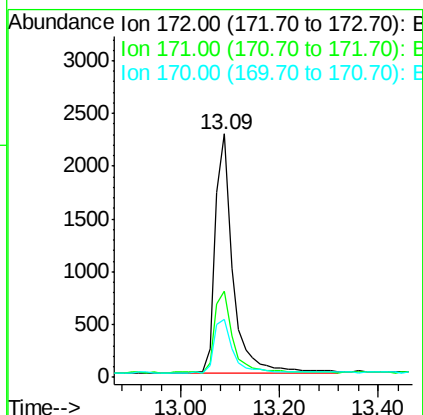
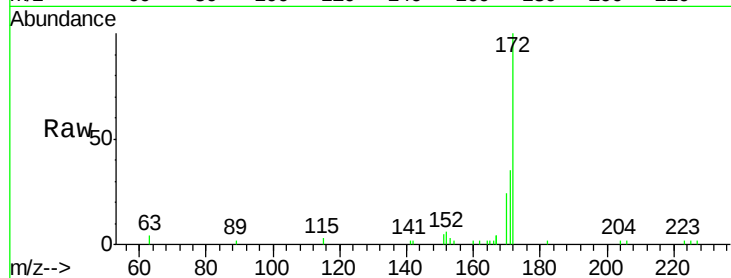




#15
2-Fluorobiphenyl
Concen: 0.846 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

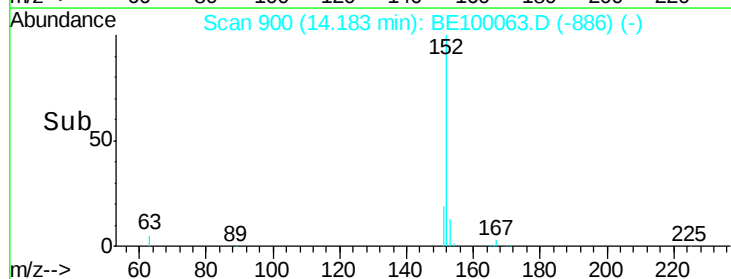
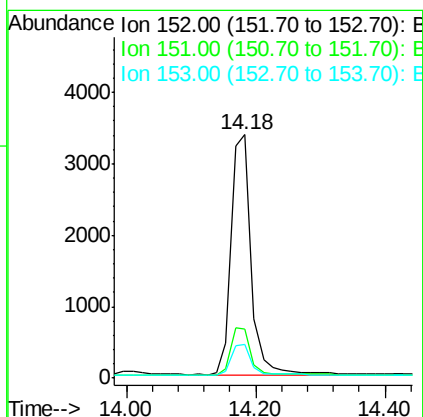
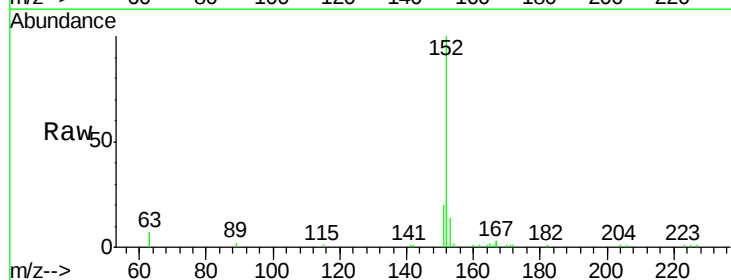
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

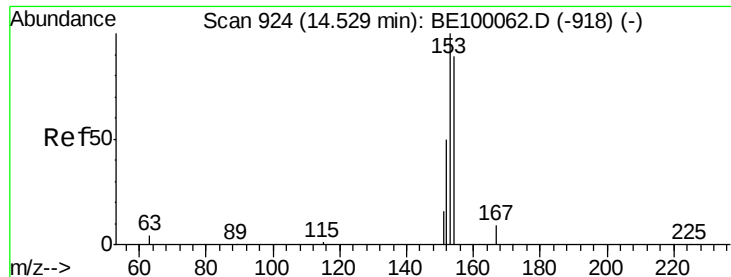
Tot Ion:172 Resp: 5512
Ion Ratio Lower Upper
172 100
171 35.4 31.0 46.6
170 24.1 21.3 31.9



#16
Acenaphthylene
Concen: 0.843 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:152 Resp: 7204
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 12.9 11.1 16.7





#17

Acenaphthene

Concen: 0.838 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

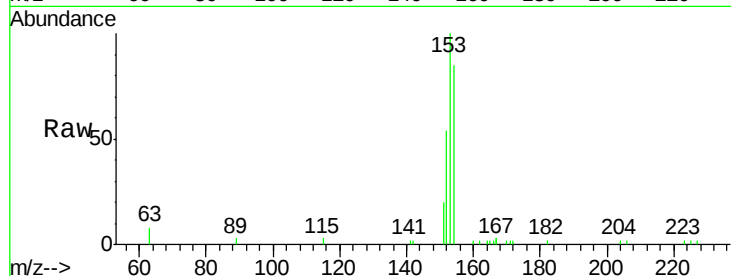
Tot Ion:154 Resp: 3903

Ion Ratio Lower Upper

154 100

153 116.3 94.3 141.5

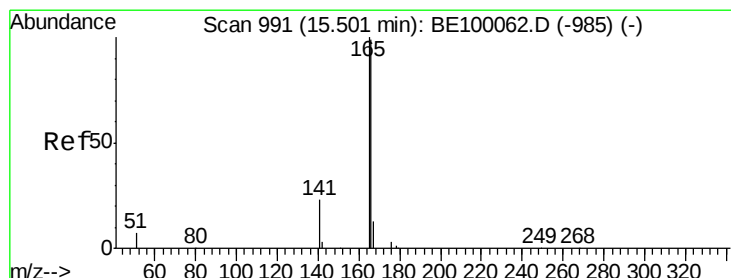
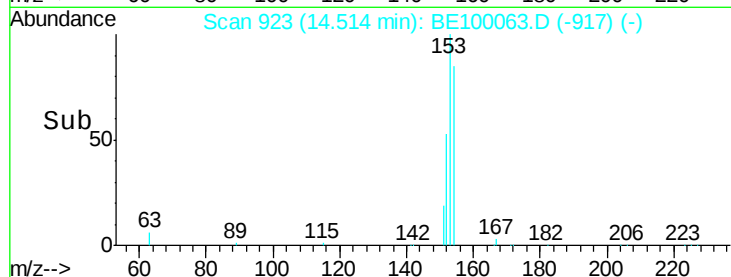
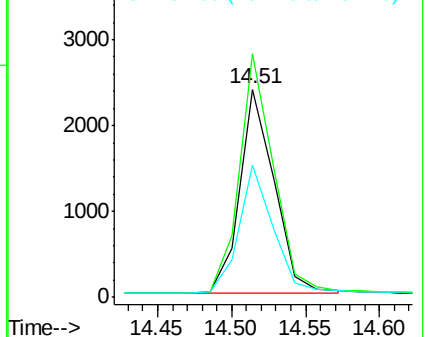
152 61.8 49.0 73.6



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: 0.835 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

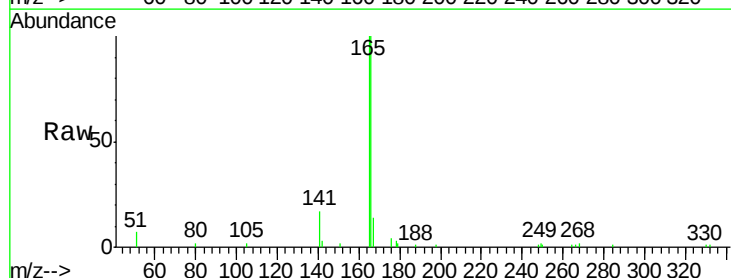
Tgt Ion:166 Resp: 5835

Ion Ratio Lower Upper

166 100

165 104.0 82.3 123.5

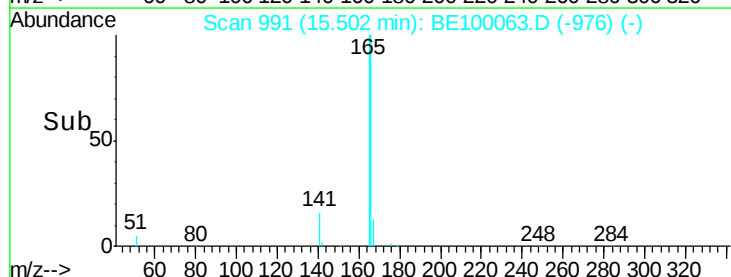
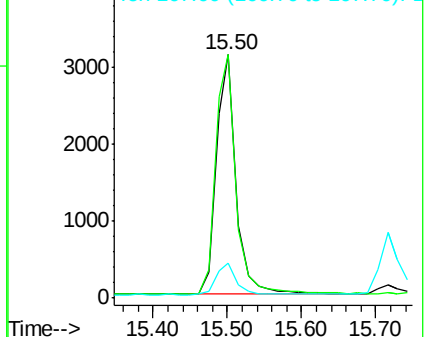
167 13.3 11.0 16.4

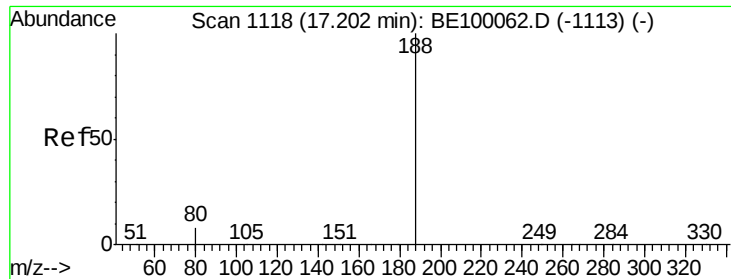


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

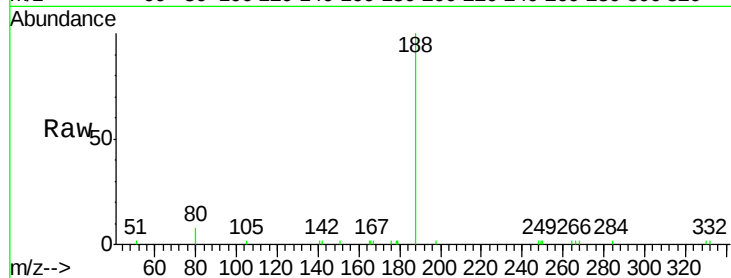
Tot Ion:188 Resp: 5315

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

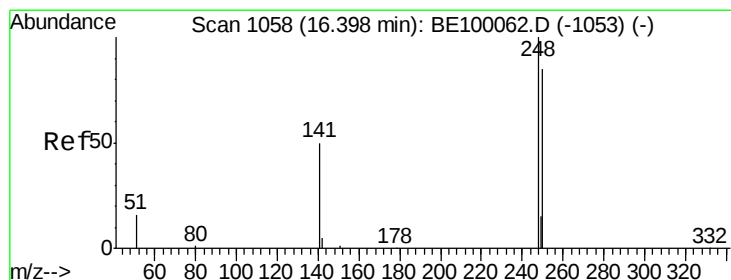
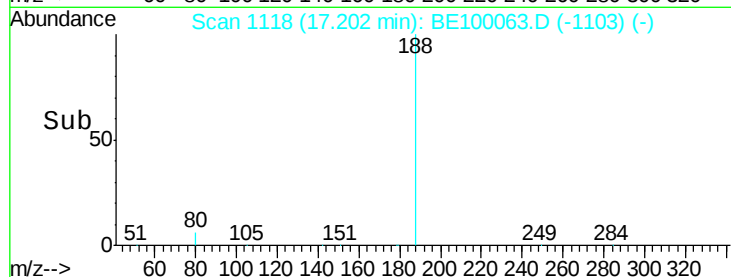
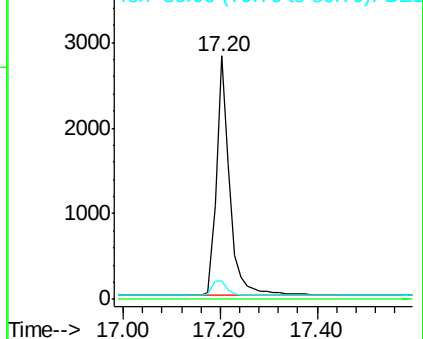
80 7.7 8.2 12.4#



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: 0.870 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

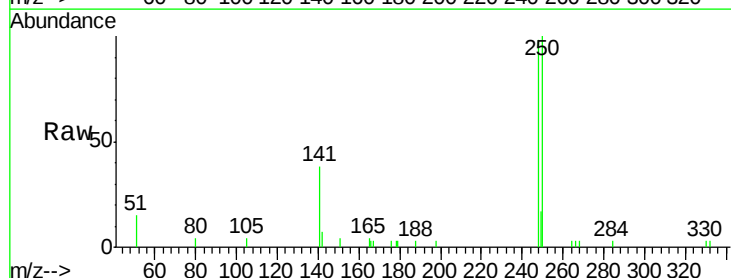
Tgt Ion:248 Resp: 2619

Ion Ratio Lower Upper

248 100

250 102.1 69.8 104.8

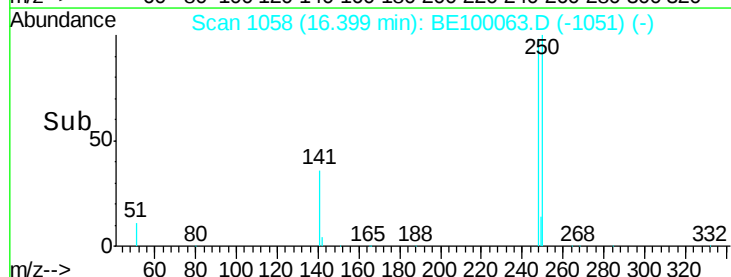
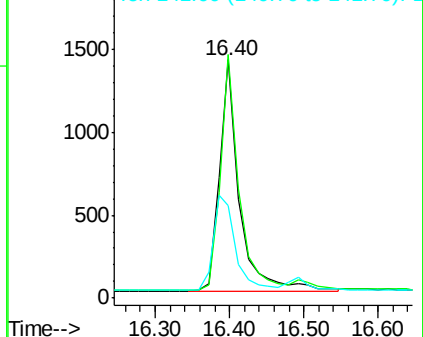
141 39.1 43.0 64.6#

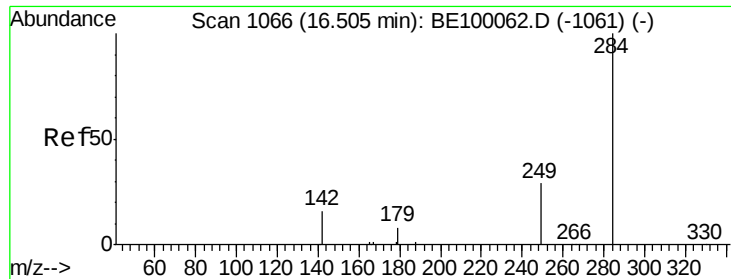


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.874 ng

RT: 16.51 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

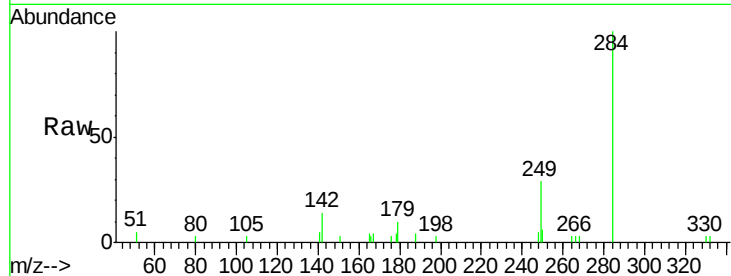
Tot Ion:284 Resp: 2690

Ion Ratio Lower Upper

284 100

142 24.8 20.3 30.5

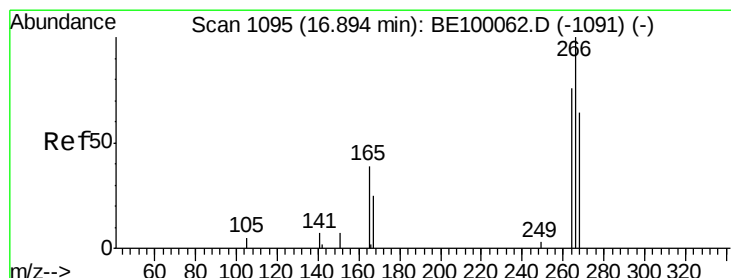
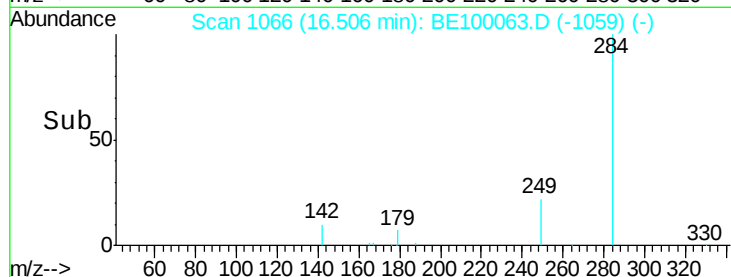
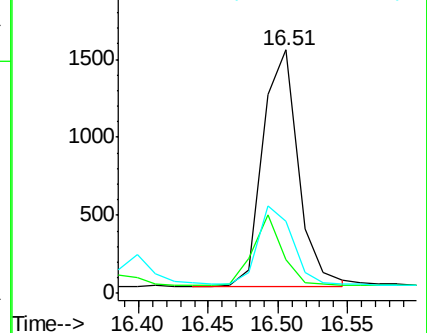
249 31.4 25.3 37.9



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: 0.667 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

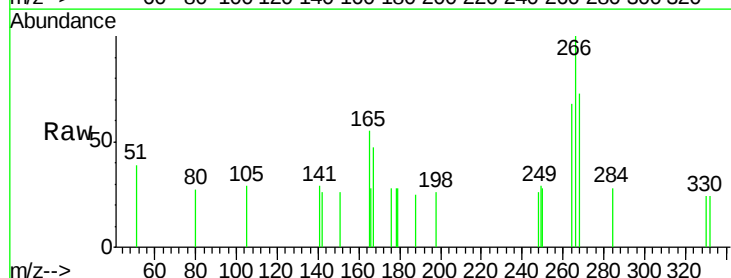
Tgt Ion:266 Resp: 643

Ion Ratio Lower Upper

266 100

264 68.3 68.6 102.8#

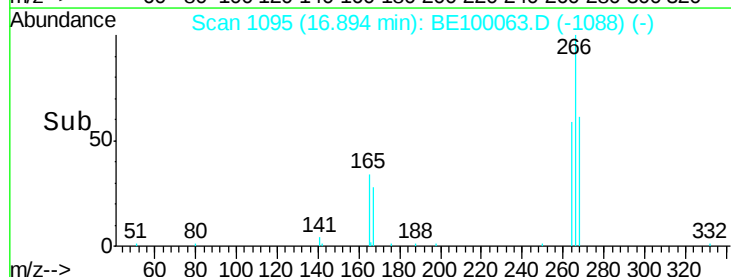
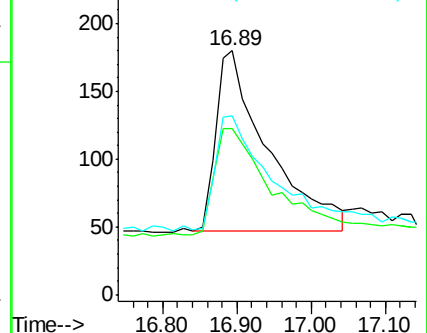
268 73.3 67.0 100.6

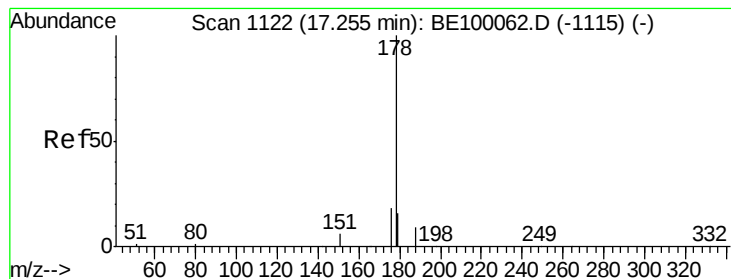


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.833 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

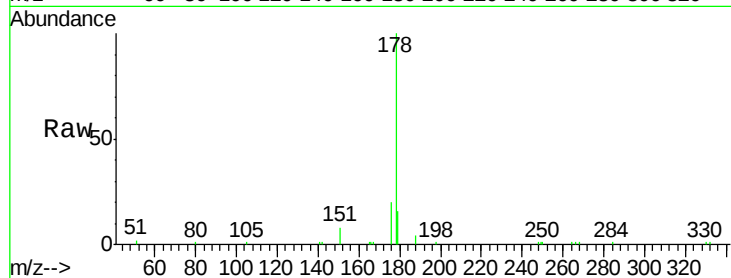
Tot Ion:178 Resp: 10748

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

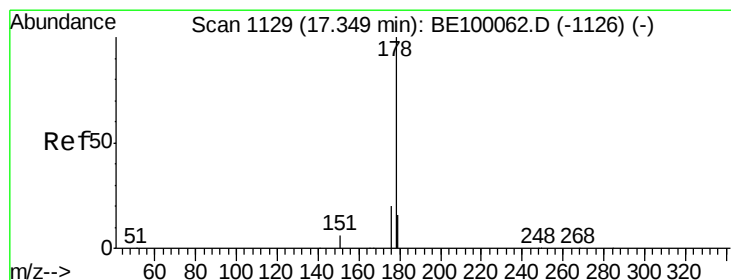
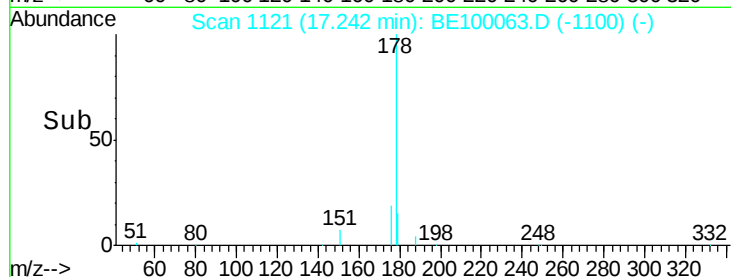
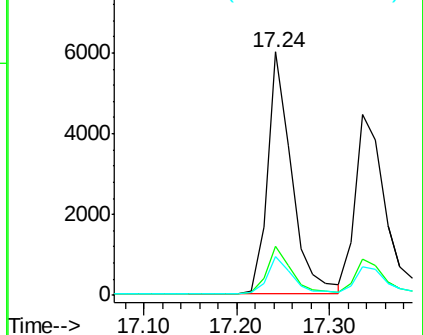
179 15.5 12.4 18.6



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: 0.801 ng

RT: 17.34 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

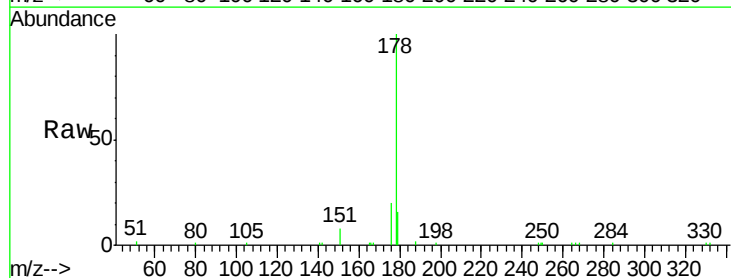
Tgt Ion:178 Resp: 9468

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

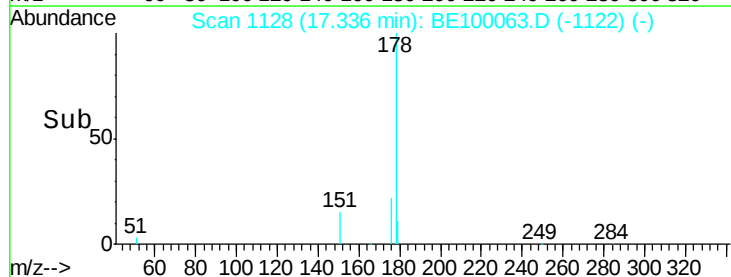
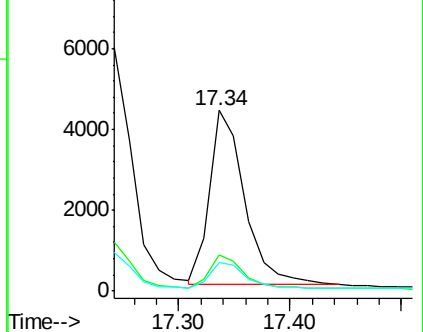
179 15.3 12.6 19.0

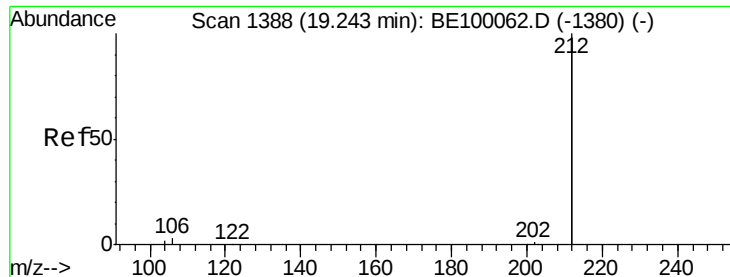


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.791 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

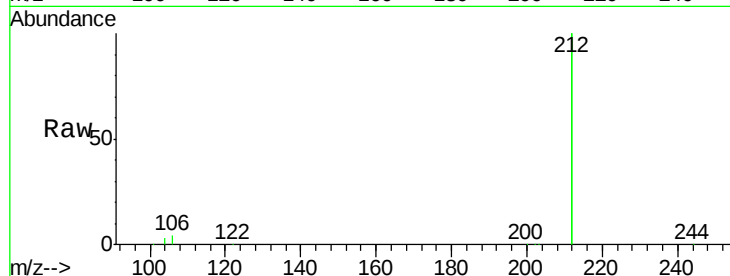
Tot Ion:212 Resp: 61256

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

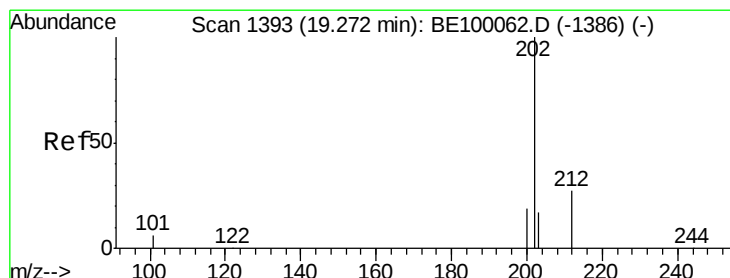
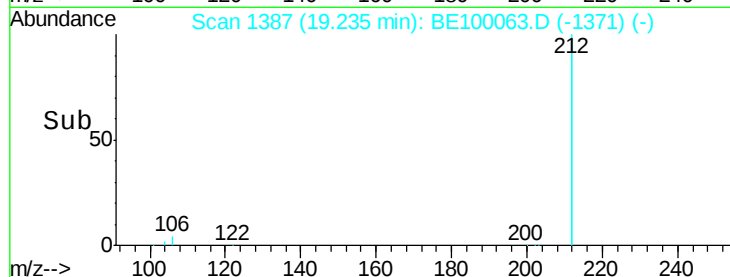
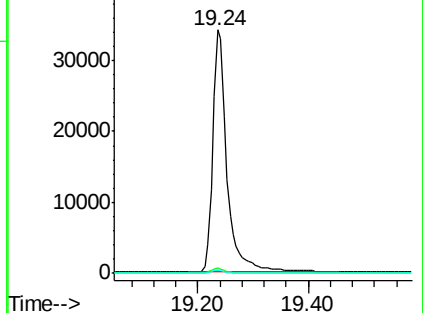
104 1.1 0.9 1.3



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: 0.798 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

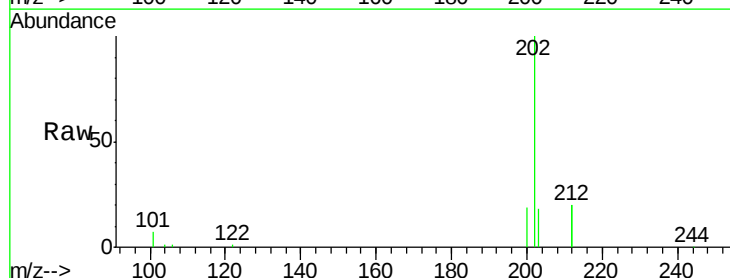
Tgt Ion:202 Resp: 17483

Ion Ratio Lower Upper

202 100

101 6.9 5.3 7.9

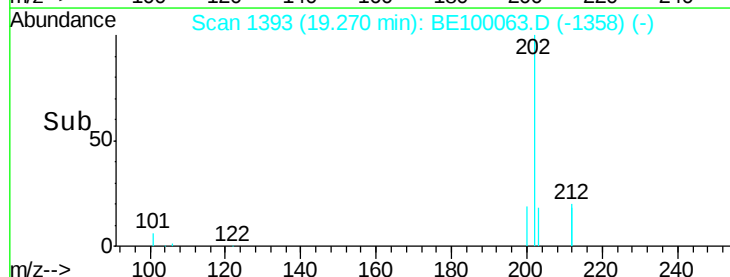
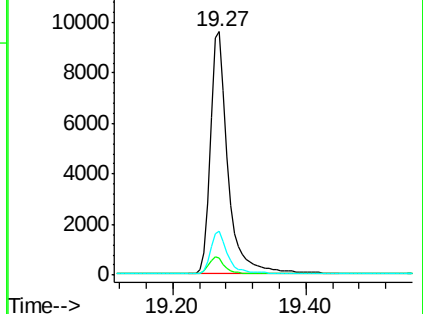
203 16.8 13.3 19.9

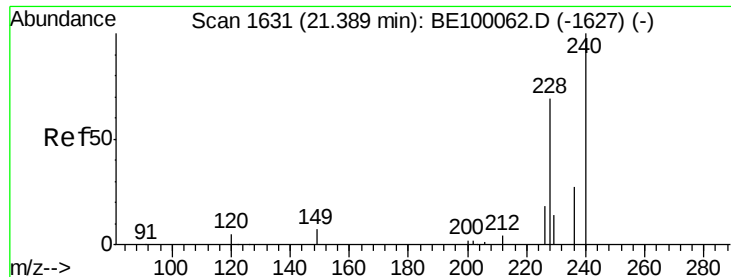


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

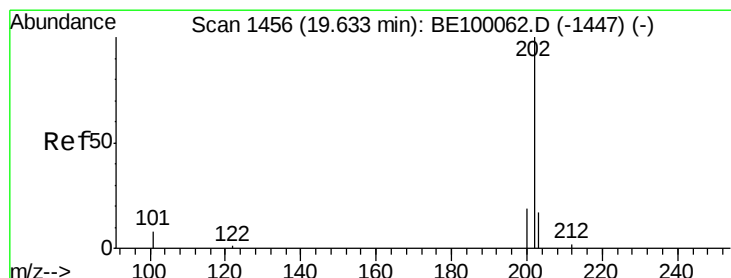
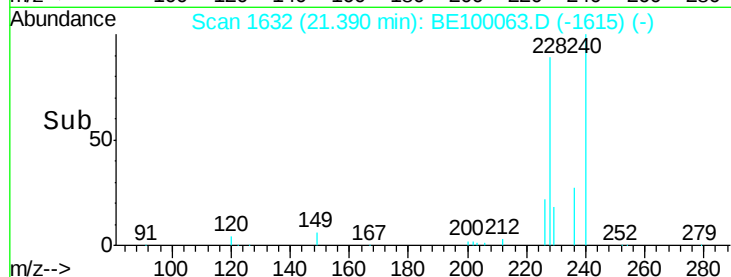
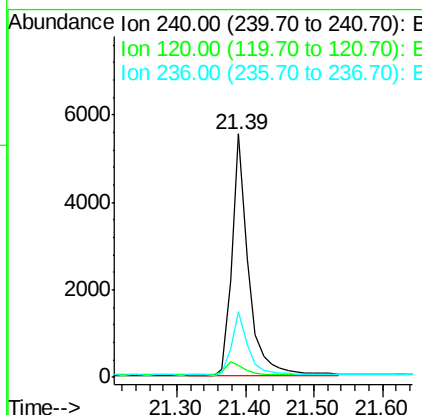
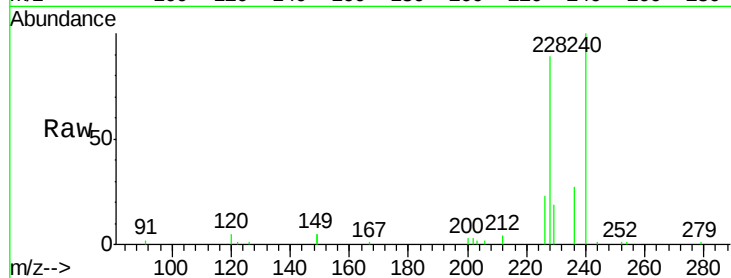




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

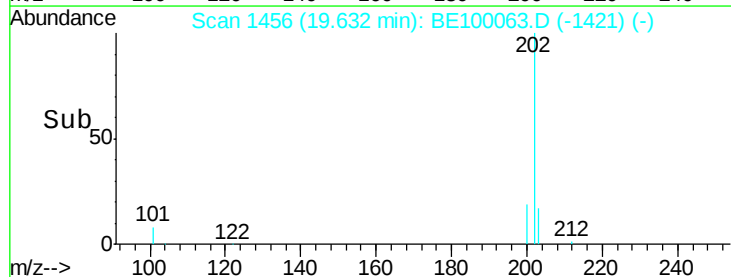
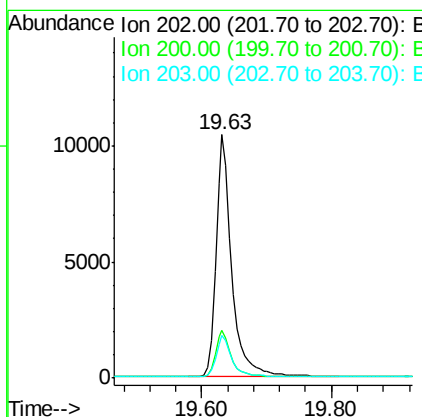
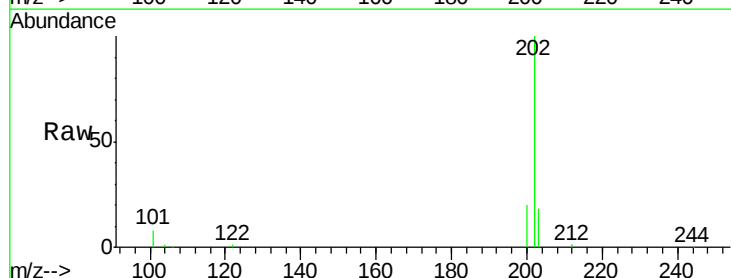
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

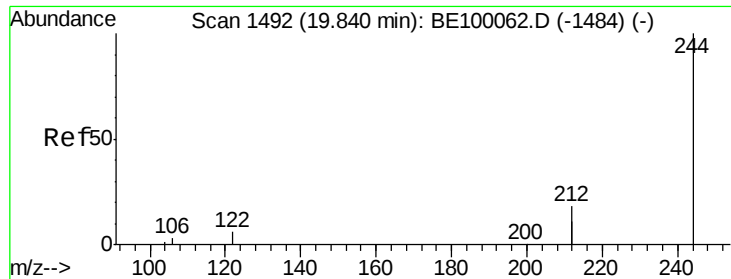
Tot Ion:240 Resp: 9156
Ion Ratio Lower Upper
240 100
120 5.2 5.4 8.0#
236 27.2 22.6 33.8



#28
Pyrene
Concen: 0.744 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100063.D
Acq: 17 Jun 2019 13:08

Tgt Ion:202 Resp: 17893
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.5 14.0 21.0





#29

Terphenyl-d14

Concen: 0.729 ng

RT: 19.84 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

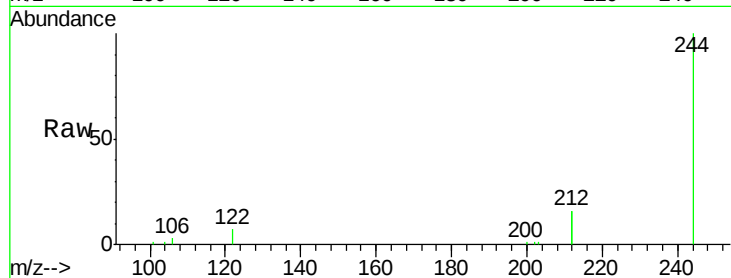
Tot Ion:244 Resp: 12009

Ion Ratio Lower Upper

244 100

212 31.2 27.9 41.9

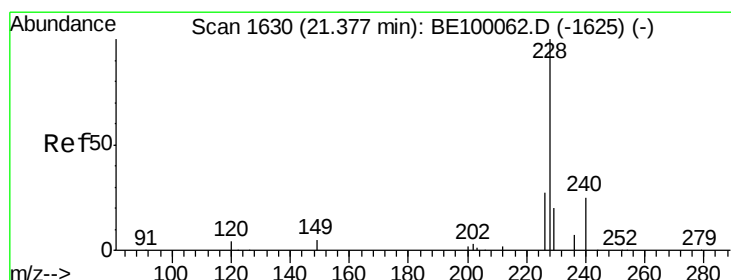
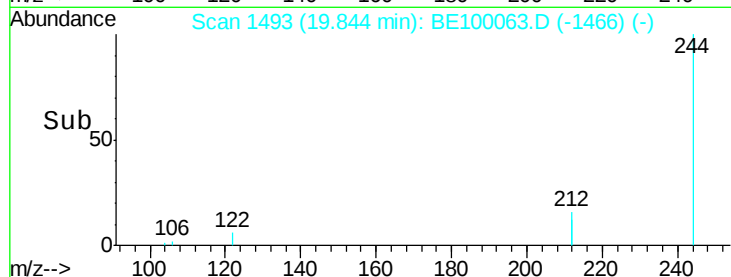
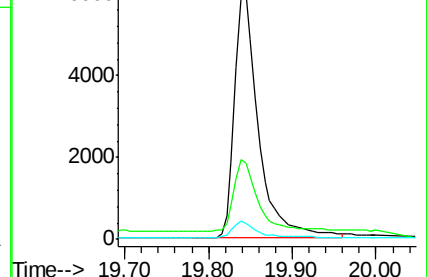
122 6.5 5.8 8.6



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: 0.794 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

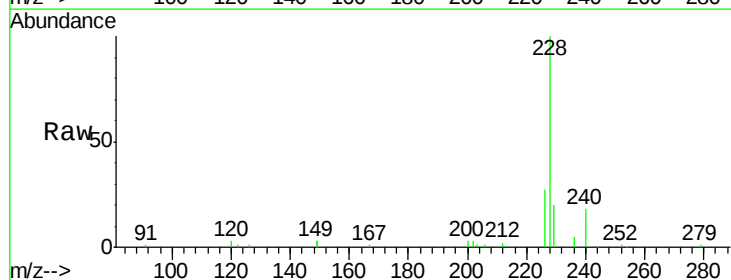
Tgt Ion:228 Resp: 21733

Ion Ratio Lower Upper

228 100

226 26.7 22.1 33.1

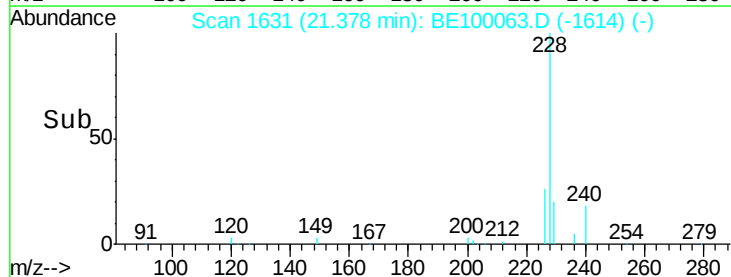
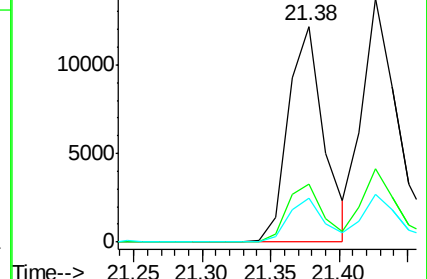
229 20.5 16.9 25.3

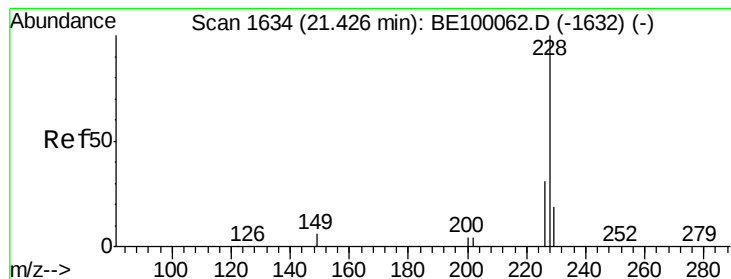


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.853 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

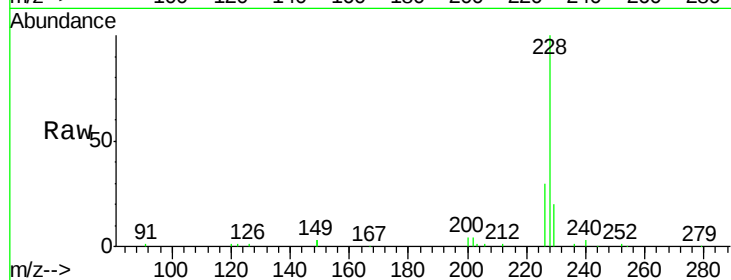
Tot Ion:228 Resp: 24125

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

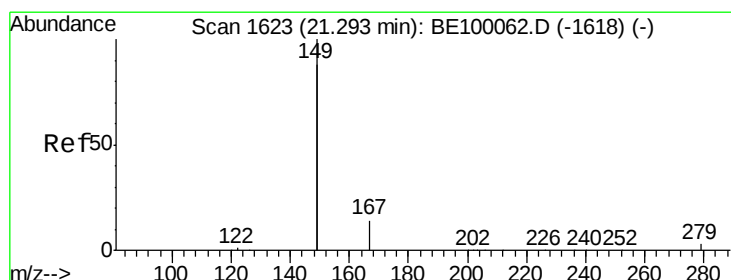
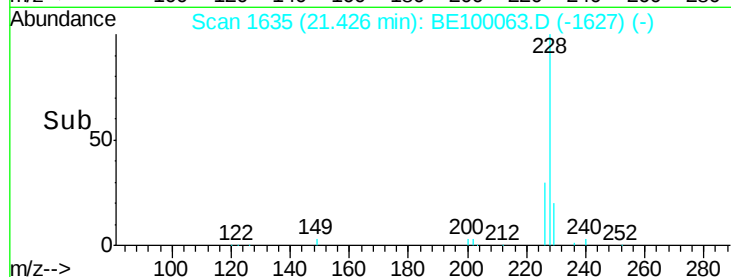
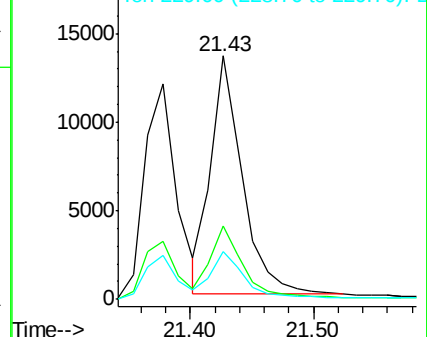
229 19.9 15.8 23.8



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: 0.698 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

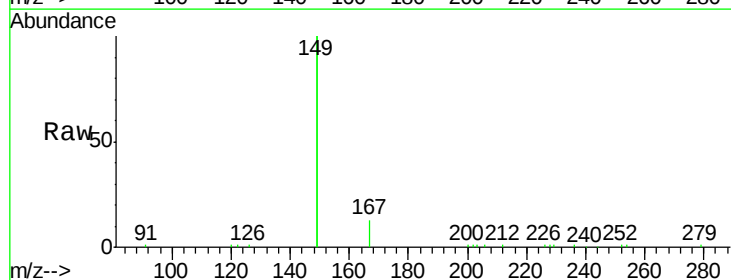
Tgt Ion:149 Resp: 27423

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

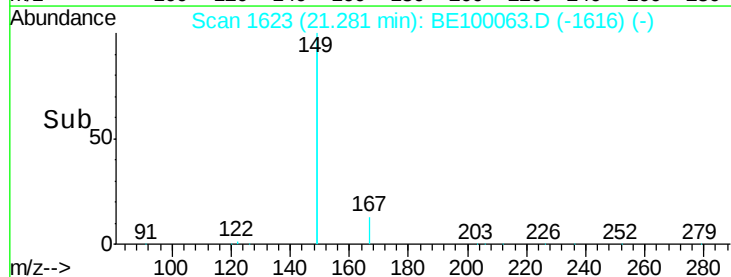
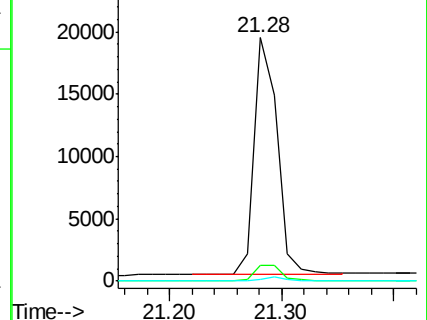
279 1.3 1.0 1.6

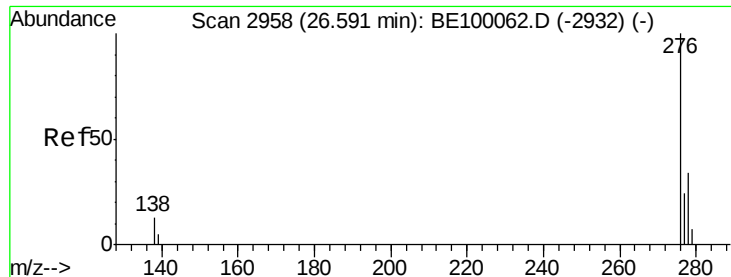


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.899 ng

RT: 26.58 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

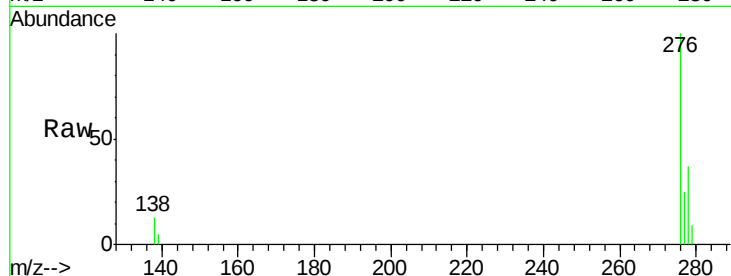
Tot Ion:276 Resp: 30156

Ion Ratio Lower Upper

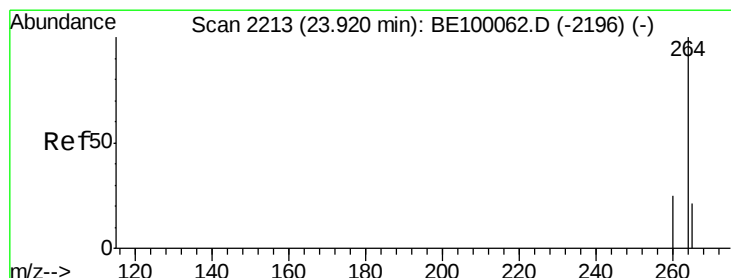
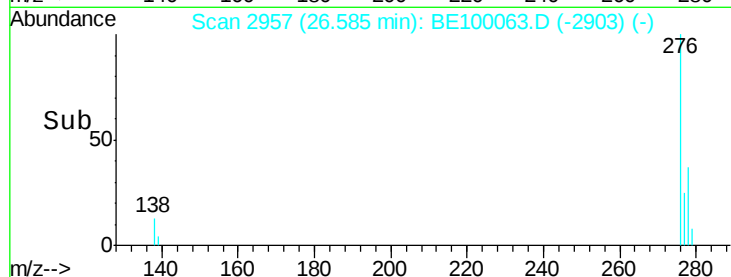
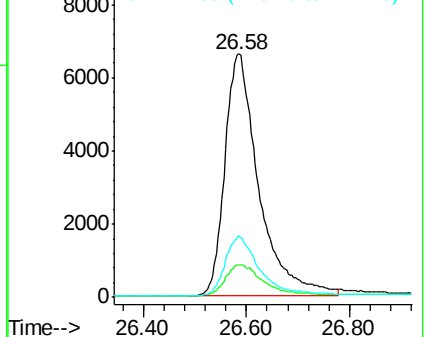
276 100

138 13.9 10.7 16.1

277 24.9 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: BE100063.D

Acq: 17 Jun 2019 13:08

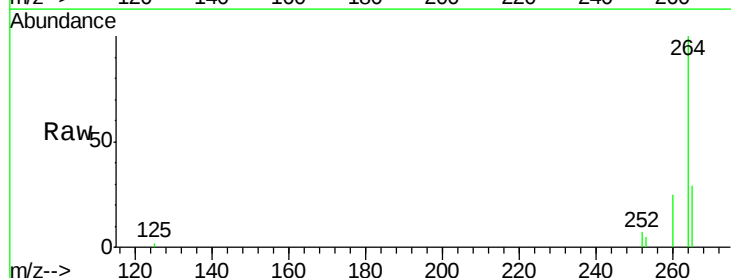
Tgt Ion:264 Resp: 10279

Ion Ratio Lower Upper

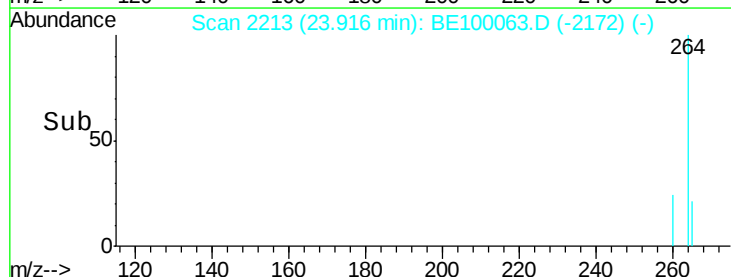
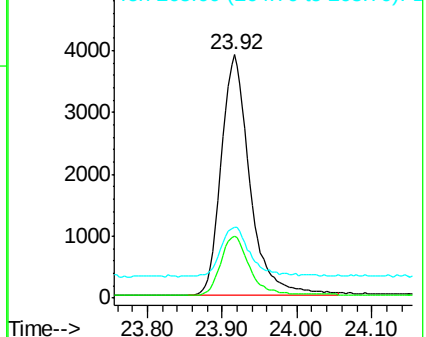
264 100

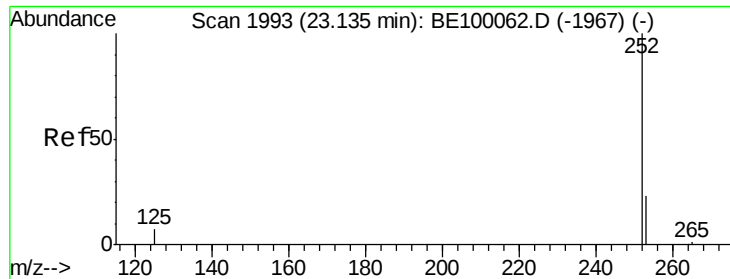
260 25.3 20.6 31.0

265 29.2 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: 0.844 ng

RT: 23.14 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

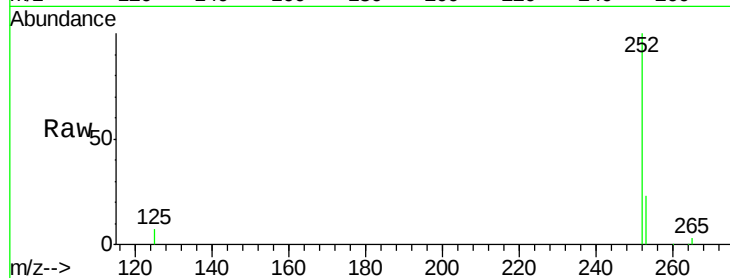
Tot Ion:252 Resp: 24300

Ion Ratio Lower Upper

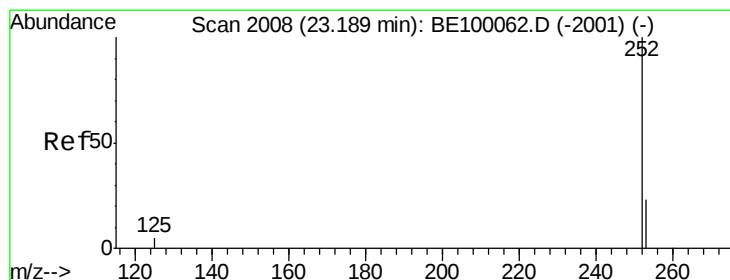
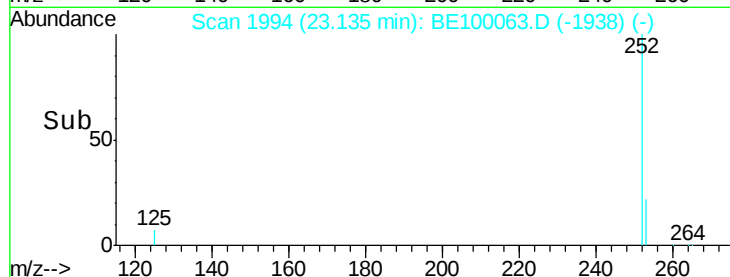
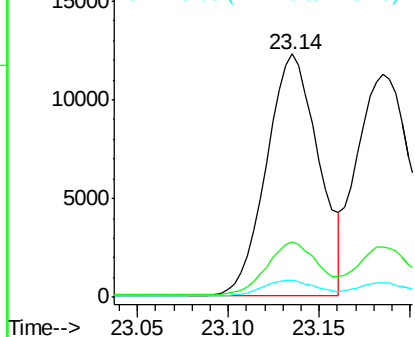
252 100

253 22.9 19.6 29.4

125 7.1 7.2 10.8#



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: 0.865 ng

RT: 23.19 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

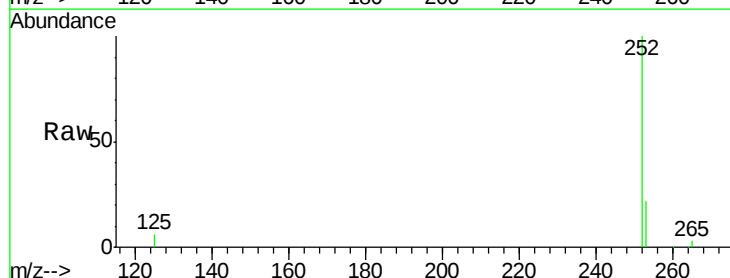
Tgt Ion:252 Resp: 26052

Ion Ratio Lower Upper

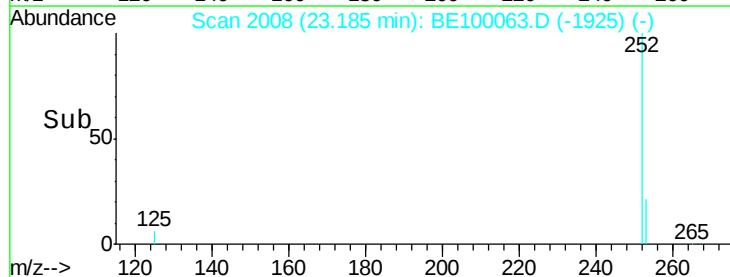
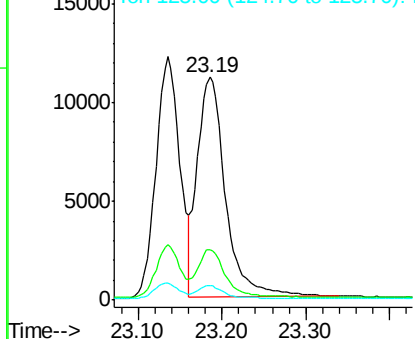
252 100

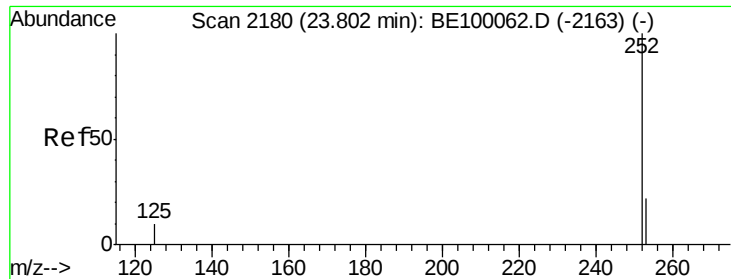
253 22.4 19.3 28.9

125 6.2 5.6 8.4



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





#37

Benzo(a)pyrene

Concen: 0.845 ng

RT: 23.80 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

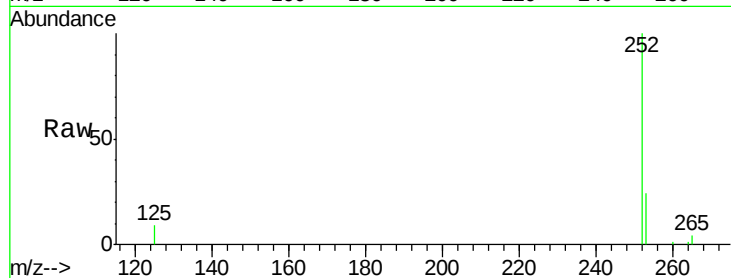
Tot Ion:252 Resp: 23971

Ion Ratio Lower Upper

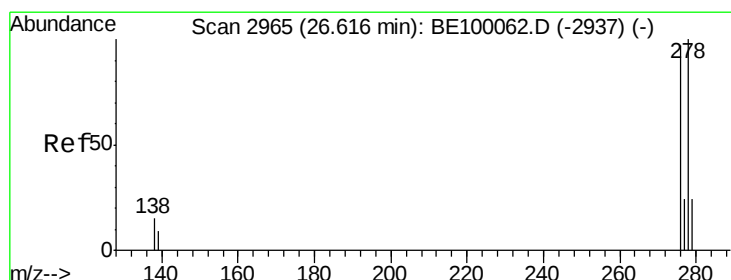
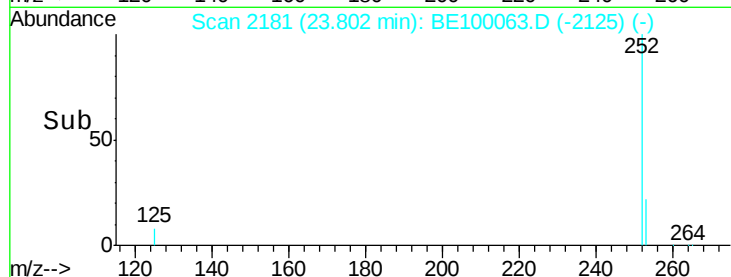
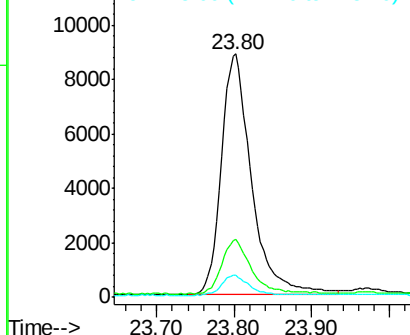
252 100

253 23.7 20.0 30.0

125 9.1 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: 0.839 ng

RT: 26.61 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BE100063.D

Acq: 17 Jun 2019 13:08

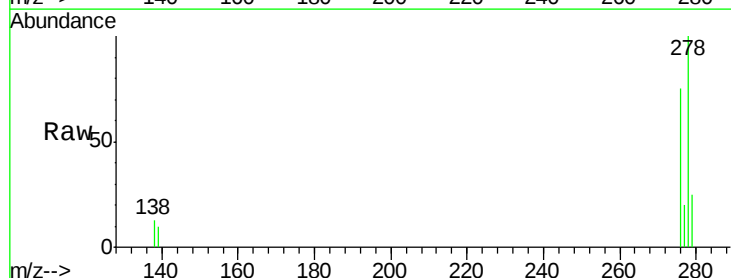
Tgt Ion:278 Resp: 23966

Ion Ratio Lower Upper

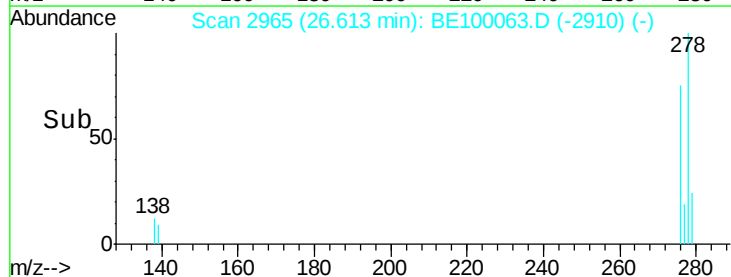
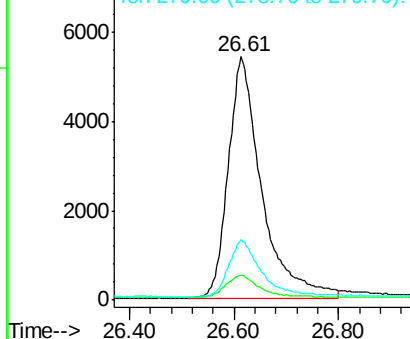
278 100

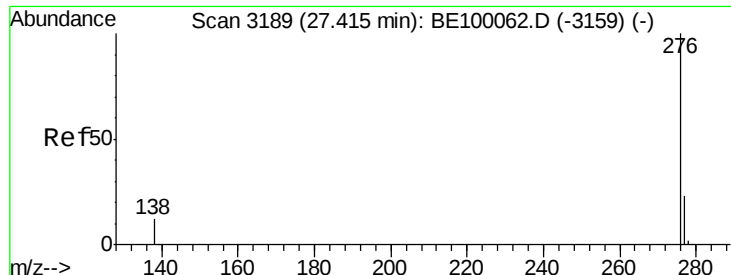
139 10.2 9.2 13.8

279 25.1 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: 0.851 ng

RT: 27.40 min Scan# 3187

Delta R.T. -0.01 min

Lab File: BE100063.D

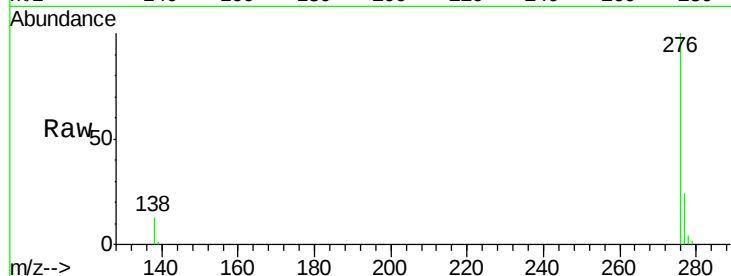
Acq: 17 Jun 2019 13:08

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



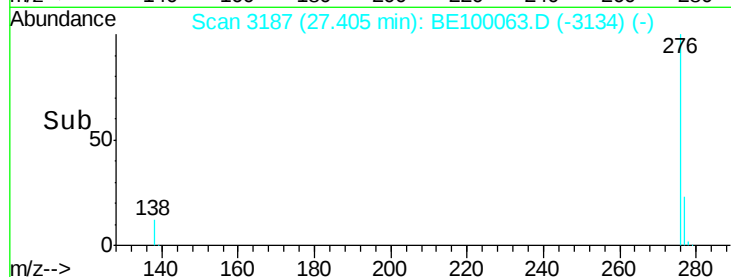
Tot Ion: 276 Resp: 25126

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 13.0 11.0 16.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

