

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100060.D
 Acq On : 17 Jun 2019 11:21
 Operator : JU/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 17 13:13:36 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	575	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	1939	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1551	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	4721	0.40	ng	0.01
27) Chrysene-d12	21.39	240	8539	0.40	ng	0.00
34) Perylene-d12	23.92	264	9274	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	153	0.10	ng	0.00
5) Phenol-d6	7.03	99	158	0.08	ng	0.07
8) Nitrobenzene-d5	9.02	82	175	0.10	ng	0.05
11) 2-Methylnaphthalene-d10	12.24	152	342	0.10	ng	0.03
14) 2,4,6-Tribromophenol	16.00	330	88	0.08	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	558	0.09	ng	0.03
25) Fluoranthene-d10	19.25	212	6576	0.10	ng	0.00
29) Terphenyl-d14	19.84	244	1343	0.09	ng	0.00

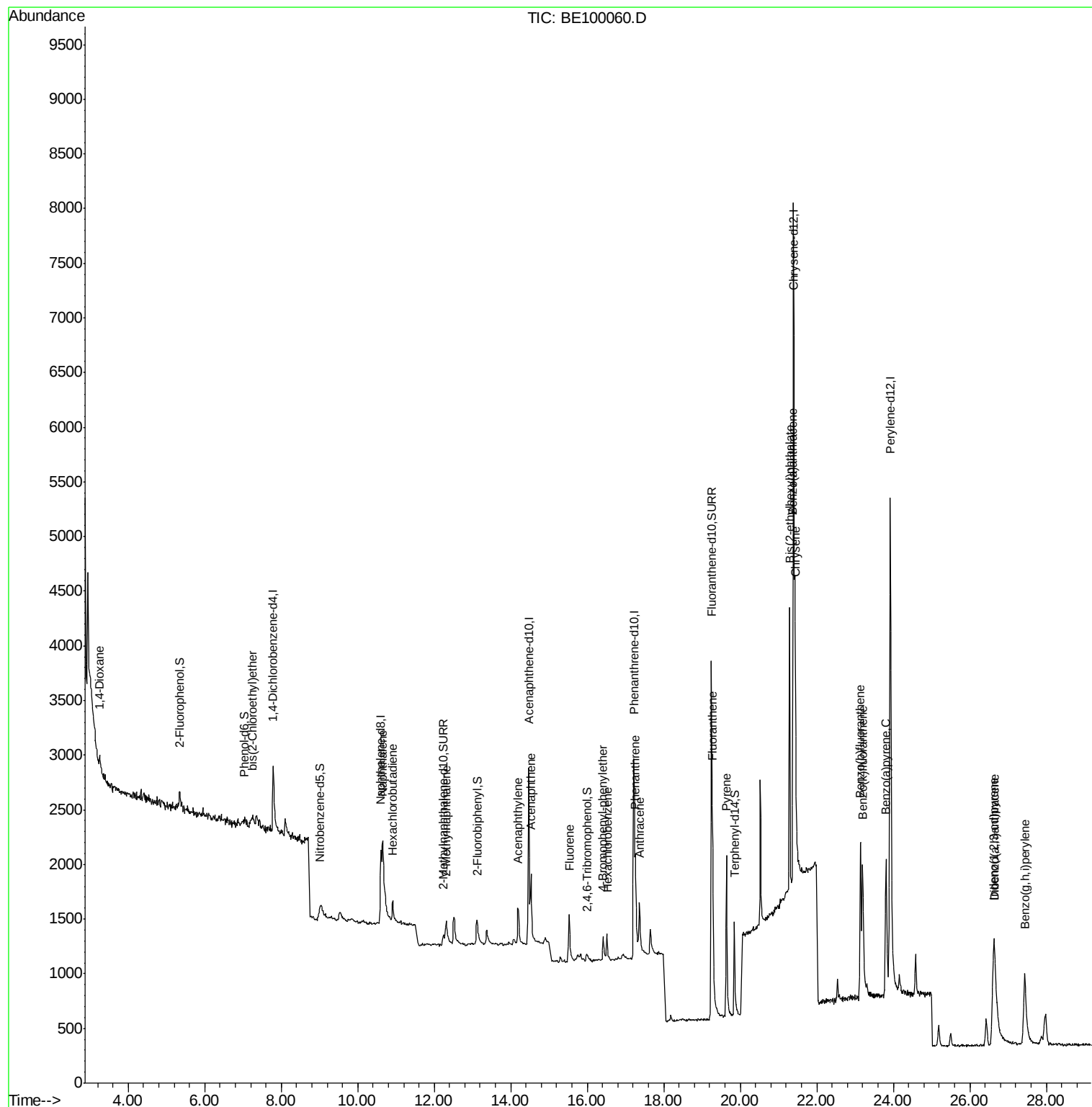
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	131	0.154	ng	91
6) bis(2-Chloroethyl)ether	7.25	93	287	0.176	ng	# 42
9) Naphthalene	10.65	128	2133	0.102	ng	# 84
10) Hexachlorobutadiene	10.91	225	179	0.112	ng	95
12) 2-Methylnaphthalene	12.31	142	271	0.080	ng	# 84
16) Acenaphthylene	14.18	152	704	0.091	ng	98
17) Acenaphthene	14.53	154	366	0.087	ng	96
18) Fluorene	15.53	166	540	0.086	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	268	0.100	ng	# 93
21) Hexachlorobenzene	16.52	284	284	0.104	ng	96
23) Phenanthrene	17.25	178	1049	0.092	ng	99
24) Anthracene	17.36	178	770	0.073	ng	96
26) Fluoranthene	19.28	202	1851	0.095	ng	99
28) Pyrene	19.64	202	1969	0.088	ng	99
30) Benzo(a)anthracene	21.38	228	1999	0.078	ng	96
31) Chrysene	21.44	228	2727	0.103	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	4154	0.113	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.62	276	2602	0.083	ng	# 69
35) Benzo(b)fluoranthene	23.14	252	2315	0.089	ng	# 81
36) Benzo(k)fluoranthene	23.20	252	2664	0.098	ng	# 82
37) Benzo(a)pyrene	23.81	252	2437	0.095	ng	# 55
38) Dibenzo(a,h)anthracene	26.65	278	2013	0.078	ng	# 70
39) Benzo(g,h,i)perylene	27.43	276	2366	0.089	ng	# 86

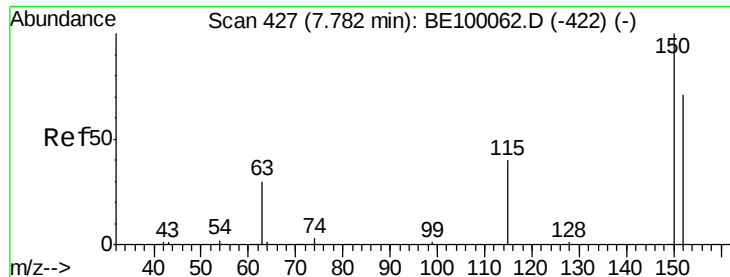
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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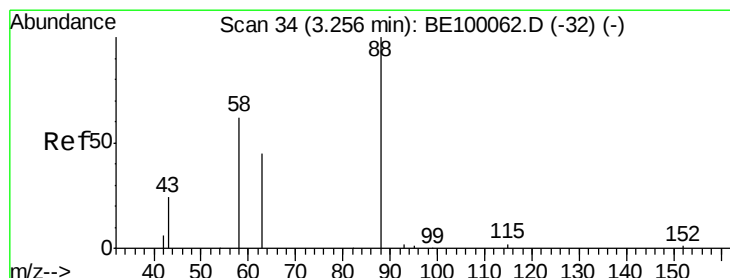
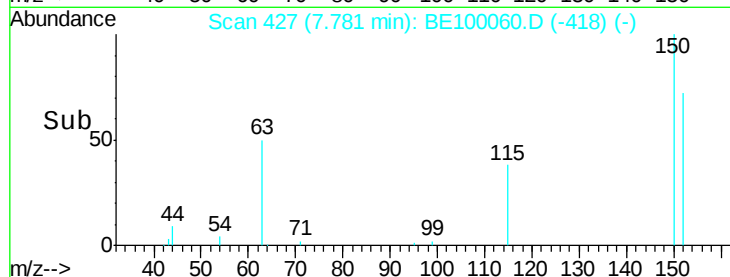
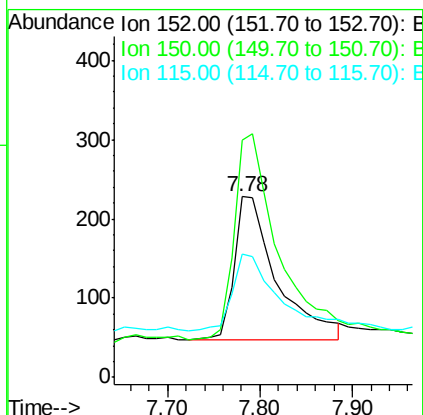
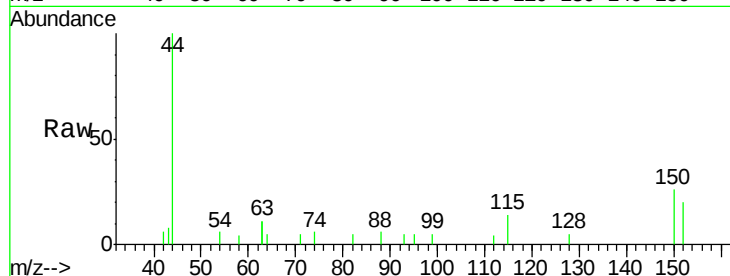


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

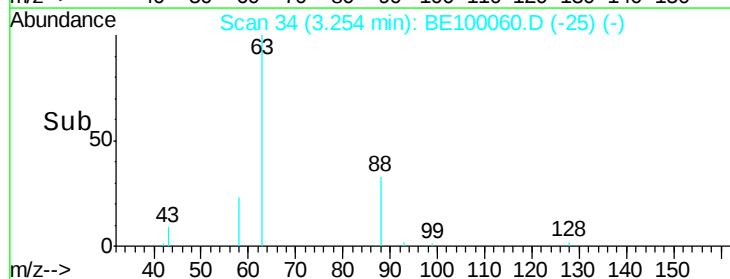
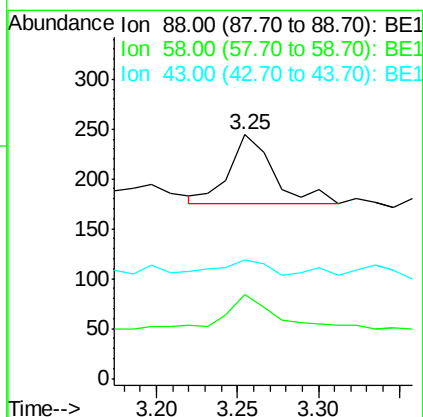
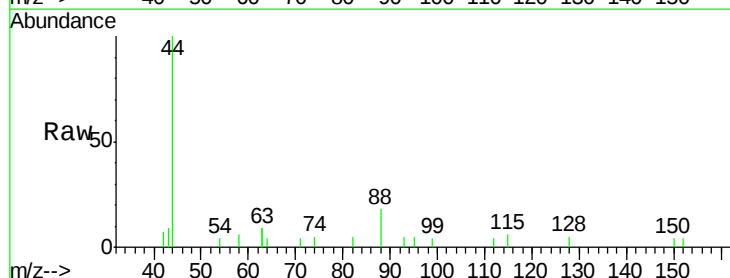
Tot Ion:152 Resp: 575
Ion Ratio Lower Upper
152 100
150 131.6 109.5 164.3
115 68.0 52.6 78.8

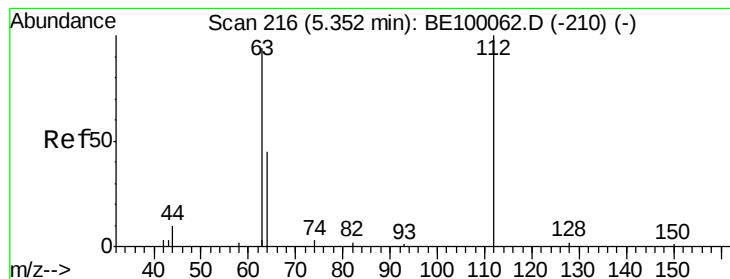


#2

1,4-Dioxane
Concen: 0.154 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion: 88 Resp: 131
Ion Ratio Lower Upper
88 100
58 58.8 41.9 62.9
43 16.0 15.8 23.8





#4

2-Fluorophenol

Concen: 0.099 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

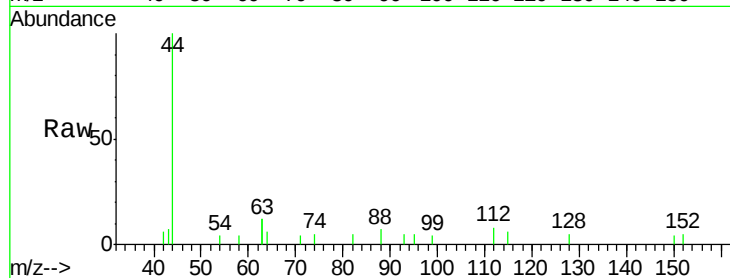
Tot Ion: 112 Resp: 153

Ion Ratio Lower Upper

112 100

64 39.9 39.6 59.4

63 116.3 113.0 169.4



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

400

300

200

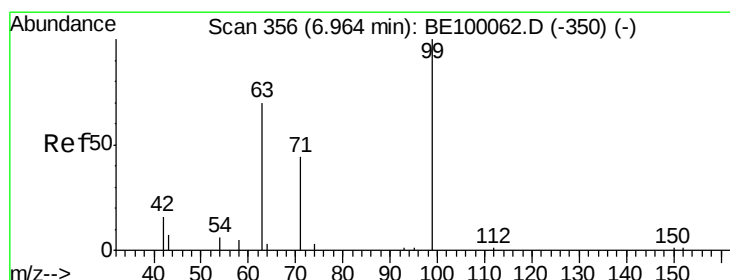
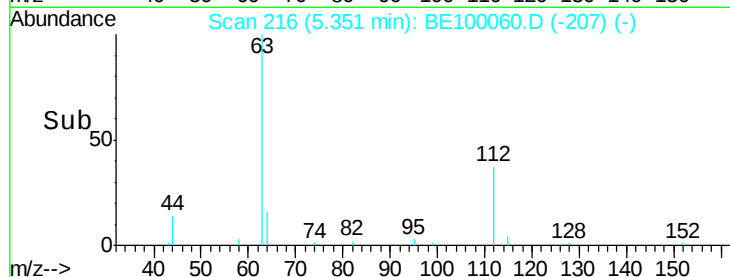
100

0

5.35

5.20 5.30 5.40 5.50

Time-->



#5

Phenol-d6

Concen: 0.079 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.07 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

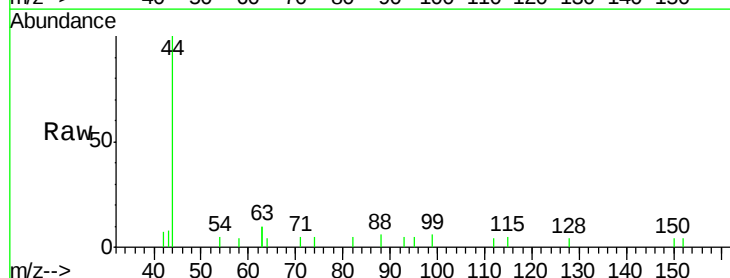
Tgt Ion: 99 Resp: 158

Ion Ratio Lower Upper

99 100

42 0.0 11.4 17.2#

71 0.0 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

100

80

60

40

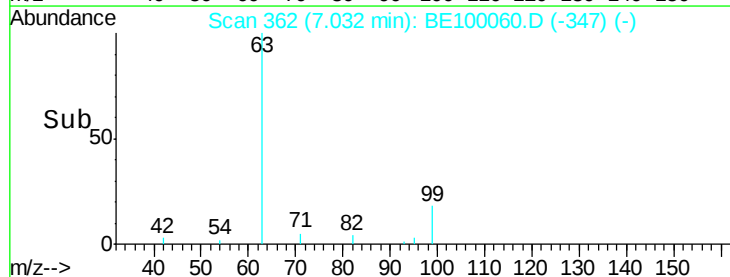
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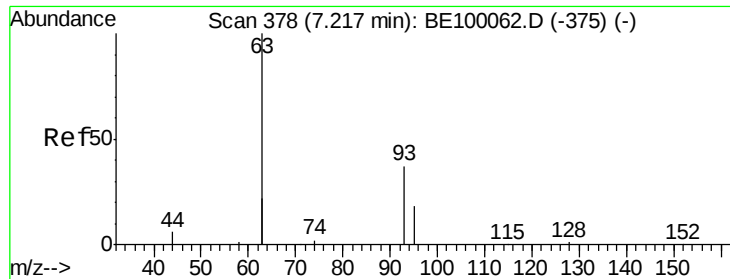
0

7.03

6.80 6.90 7.00 7.10 7.20

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.176 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

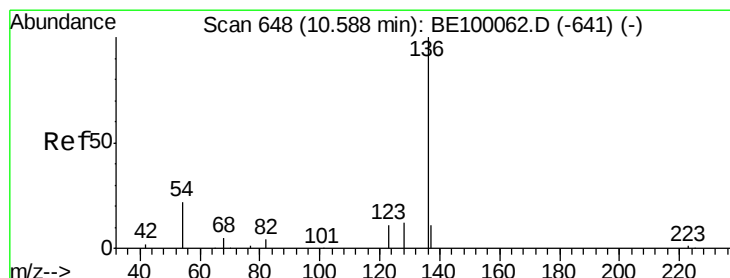
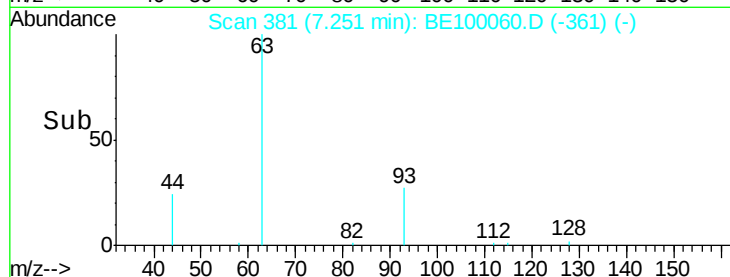
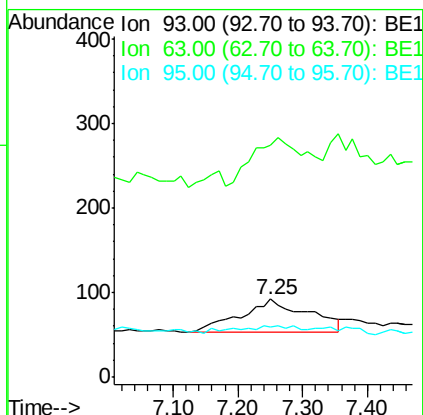
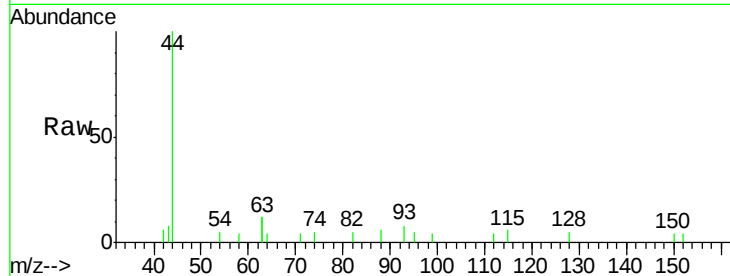
Tot Ion: 93 Resp: 287

Ion Ratio Lower Upper

93 100

63 117.1 165.0 247.6#

95 0.0 26.5 39.7#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 650

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Tgt Ion: 136 Resp: 1939

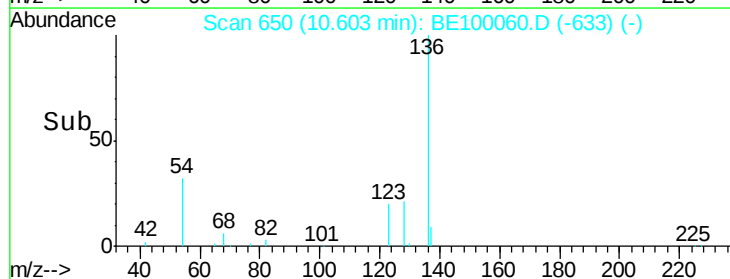
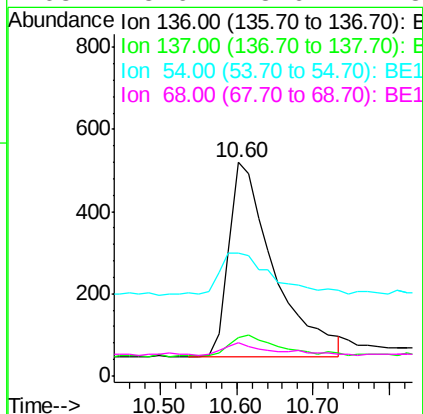
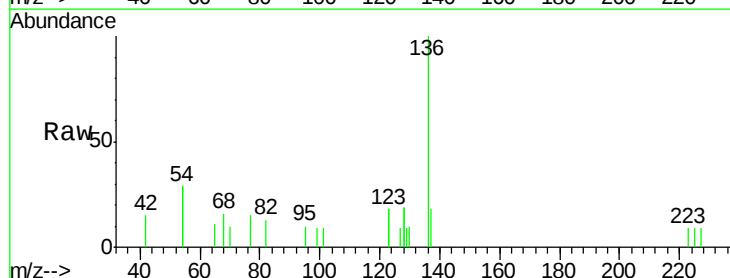
Ion Ratio Lower Upper

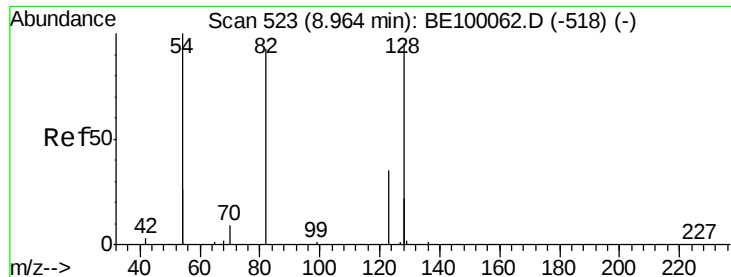
136 100

137 17.9 12.6 19.0

54 57.3 33.0 49.6#

68 15.6 8.6 12.8#





#8

Nitrobenzene-d5

Concen: 0.095 ng

RT: 9.02 min Scan# 528

Delta R.T. 0.05 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

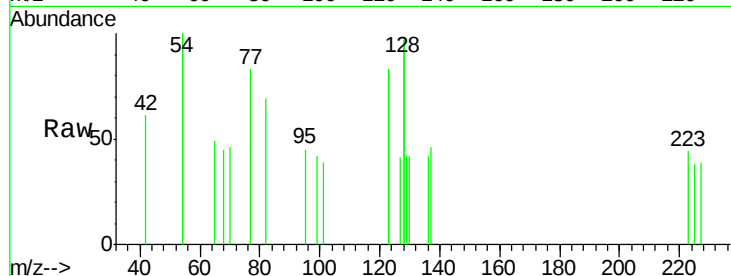
Tot Ion: 82 Resp: 175

Ion Ratio Lower Upper

82 100

128 284.0 134.6 201.8#

54 291.4 141.6 212.4#

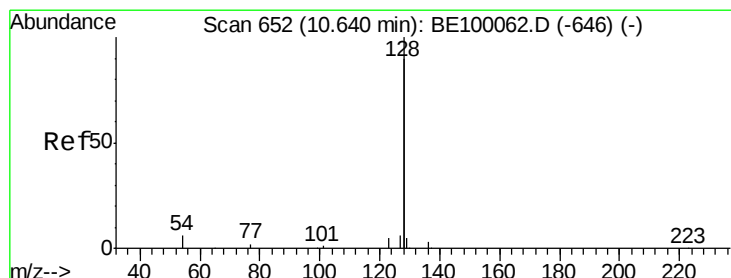
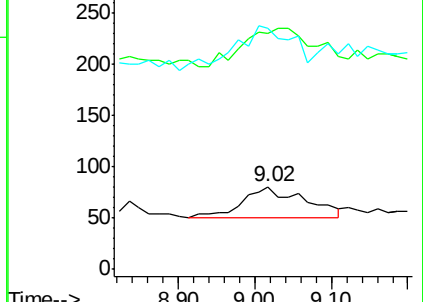
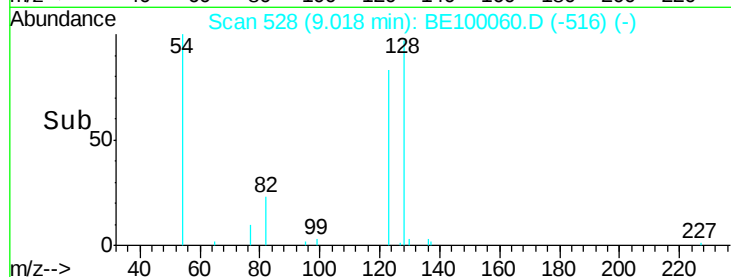


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Time-->



#9

Naphthalene

Concen: 0.102 ng

RT: 10.65 min Scan# 654

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

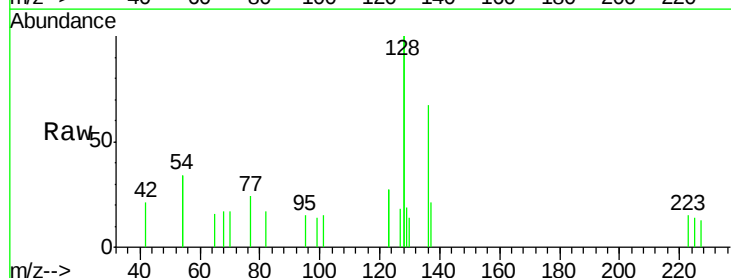
Tgt Ion: 128 Resp: 2133

Ion Ratio Lower Upper

128 100

129 9.4 3.0 4.4#

127 9.0 3.4 5.0#

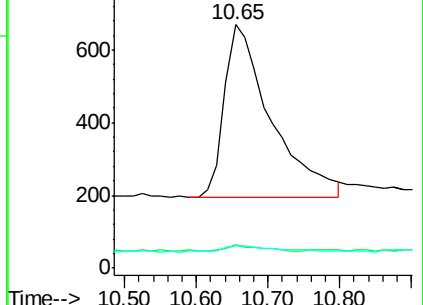
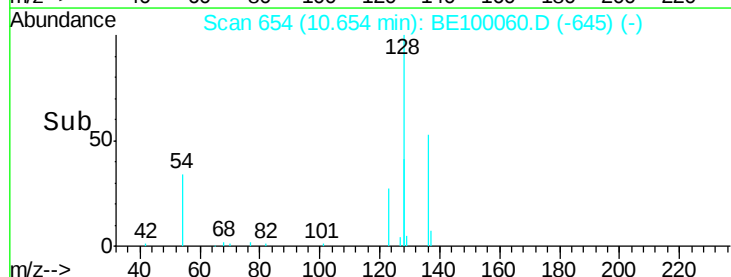


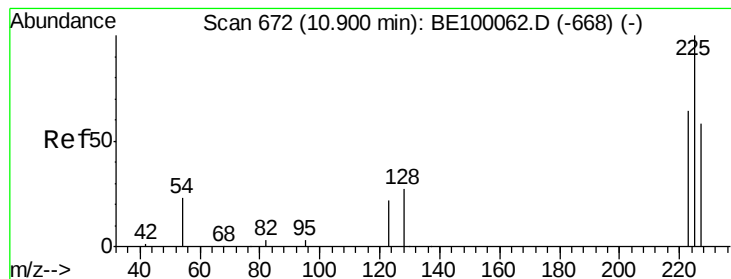
Abundance Ion 128.00 (127.70 to 128.70): BE1

Ion 129.00 (128.70 to 129.70): BE1

Ion 127.00 (126.70 to 127.70): BE1

Time-->

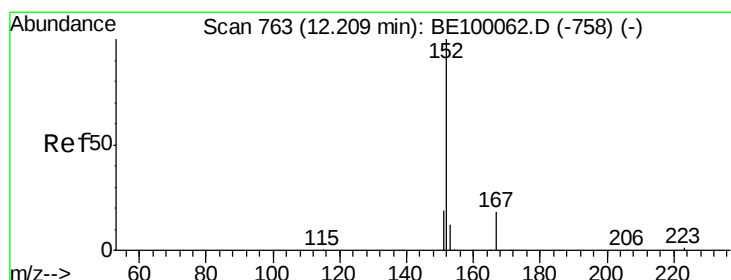
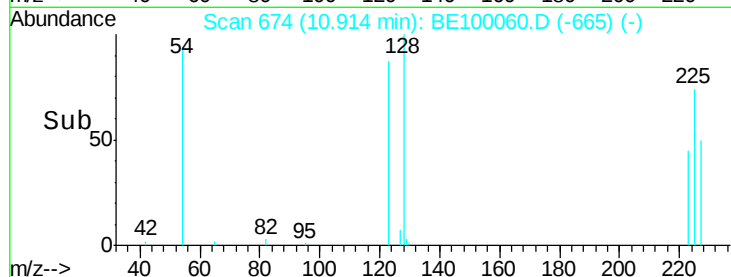
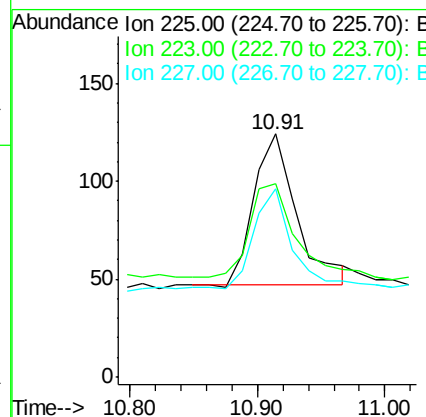
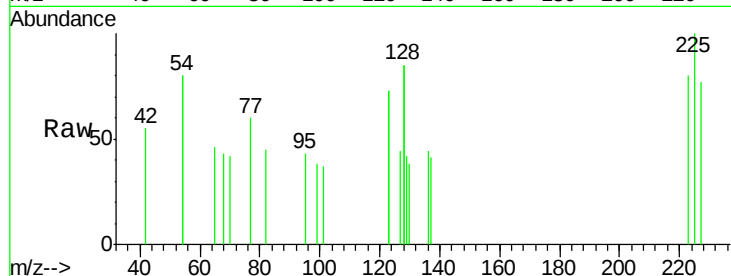




#10
Hexachlorobutadiene
Concen: 0.112 ng
RT: 10.91 min Scan# 674
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

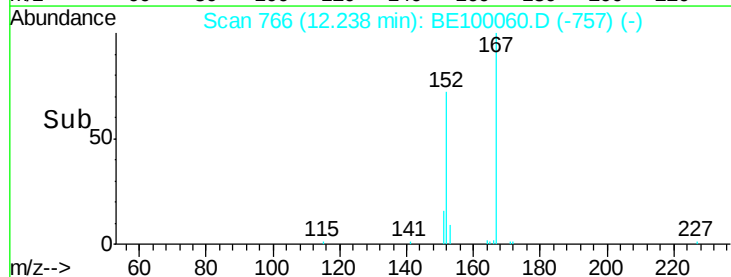
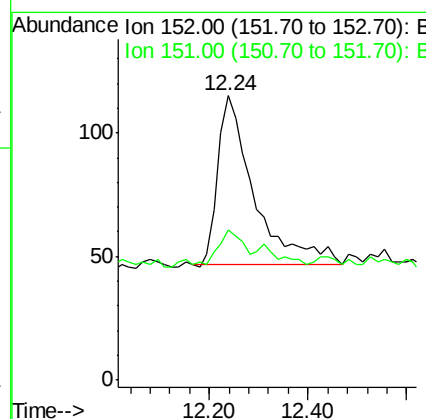
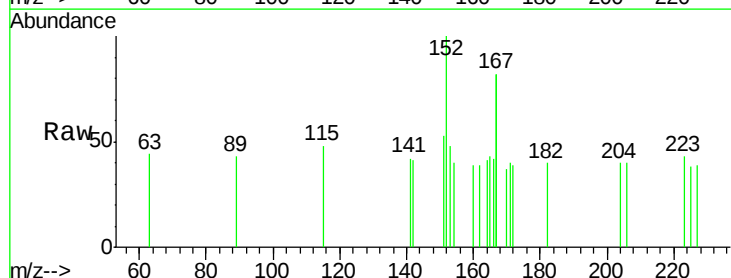
Instrument :
BNA_E
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SSTDIC0.1

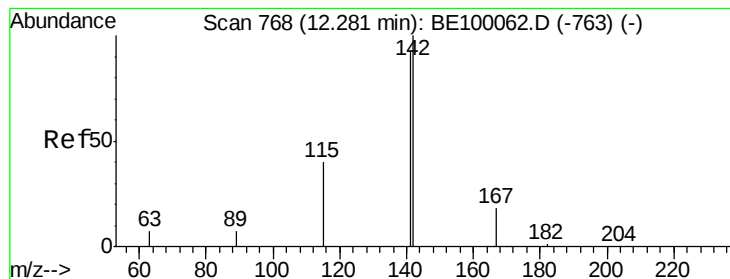
Tot Ion:225 Resp: 179
Ion Ratio Lower Upper
225 100
223 64.8 51.1 76.7
227 58.1 51.9 77.9



#11
2-Methylnaphthalene-d10
Concen: 0.101 ng
RT: 12.24 min Scan# 766
Delta R.T. 0.03 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:152 Resp: 342
Ion Ratio Lower Upper
152 100
151 14.3 15.4 23.2#





#12

2-Methylnaphthalene

Concen: 0.080 ng

RT: 12.31 min Scan# 771

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

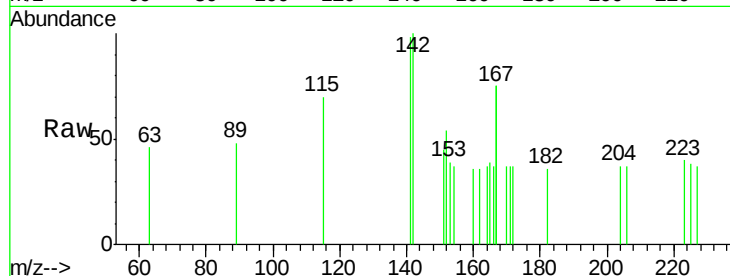
Tot Ion:142 Resp: 271

Ion Ratio Lower Upper

142 100

141 98.4 74.2 111.4

115 69.9 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

12.31

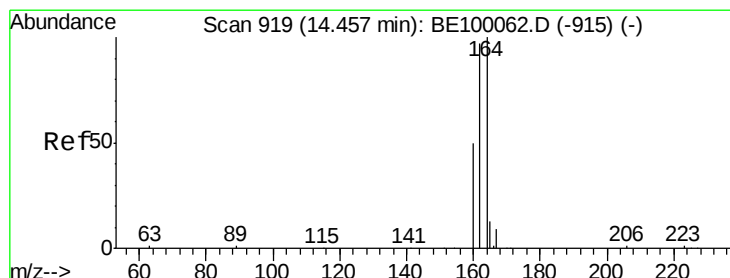
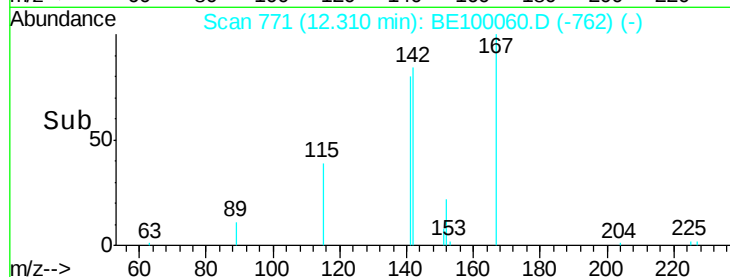
100

50

0

12.20 12.30 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

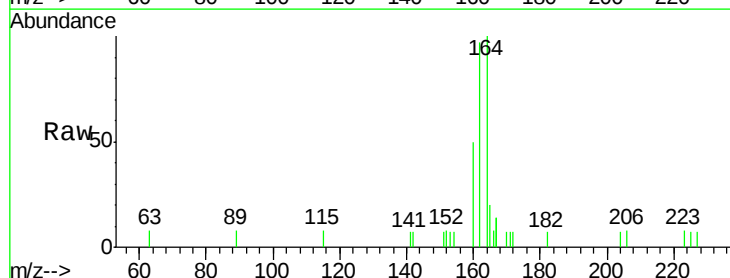
Tgt Ion:164 Resp: 1551

Ion Ratio Lower Upper

164 100

162 96.8 77.6 116.4

160 50.0 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

14.47

800

600

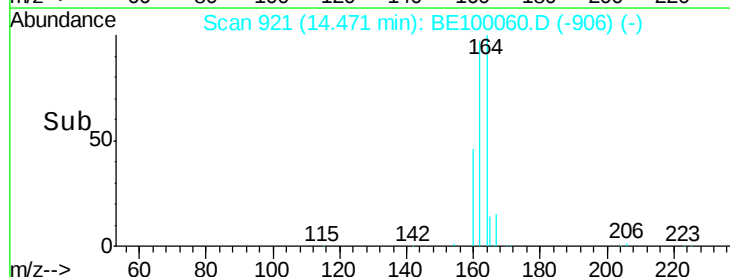
400

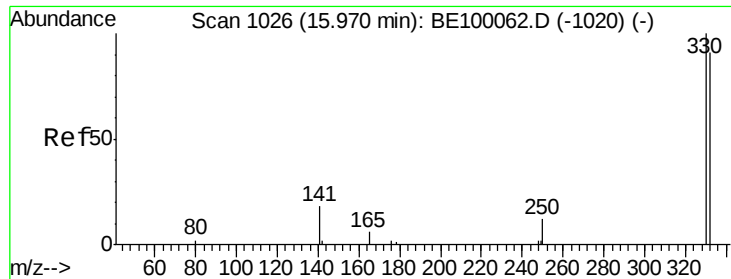
200

0

14.30 14.40 14.50 14.60

Time-->

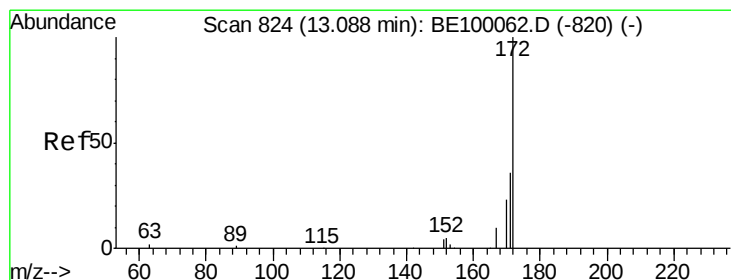
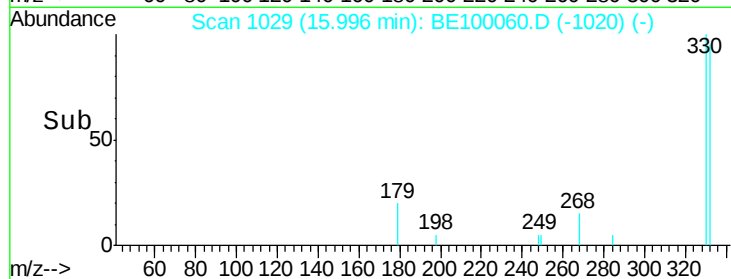
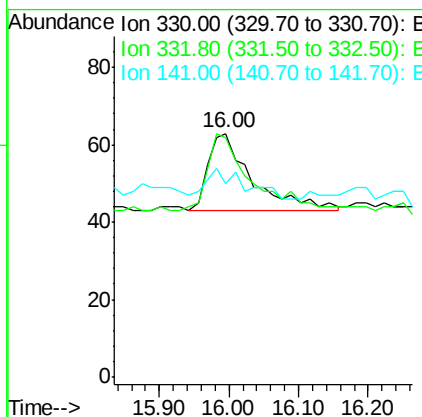
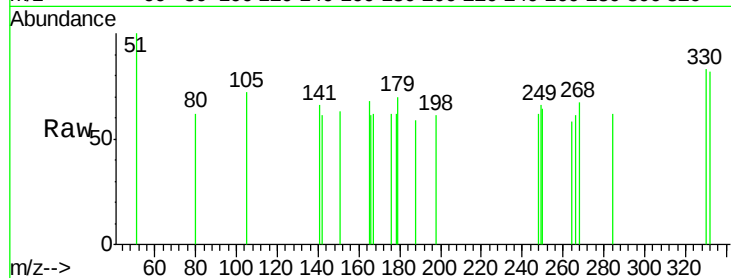




#14
 2,4,6-Tribromophenol
 Concen: 0.077 ng
 RT: 16.00 min Scan# 1029
 Delta R.T. 0.03 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

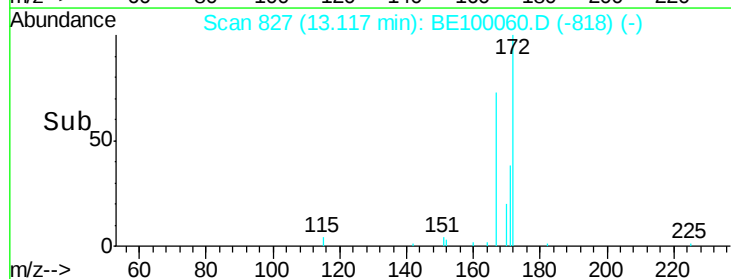
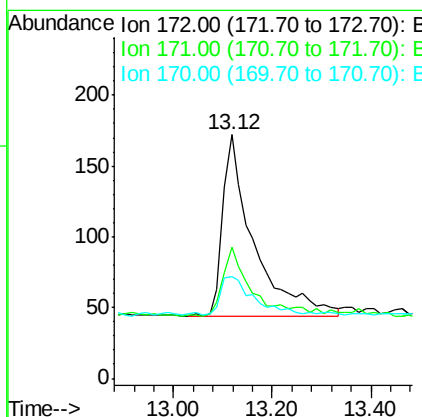
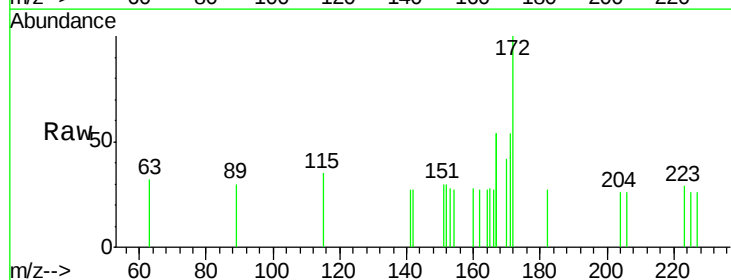
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

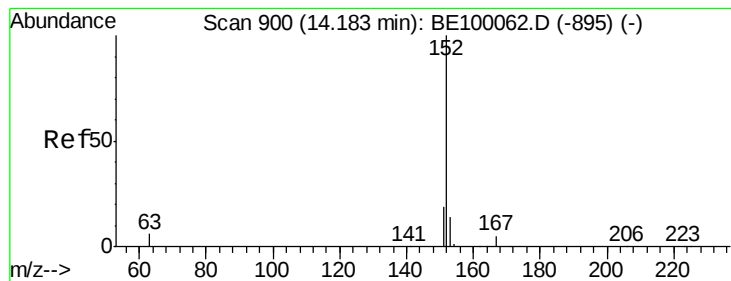
Tot Ion:330 Resp: 88
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.7 112.1
 141 34.1 20.3 30.5#



#15
 2-Fluorobiphenyl
 Concen: 0.095 ng
 RT: 13.12 min Scan# 827
 Delta R.T. 0.03 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Tgt Ion:172 Resp: 558
 Ion Ratio Lower Upper
 172 100
 171 54.1 31.0 46.6#
 170 41.9 21.3 31.9#





#16

Acenaphthylene

Concen: 0.091 ng

RT: 14.18 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

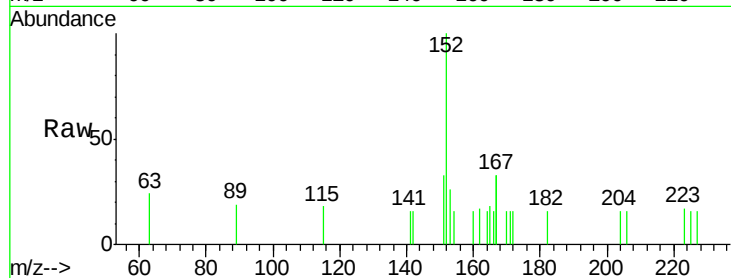
Tot Ion:152 Resp: 704

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

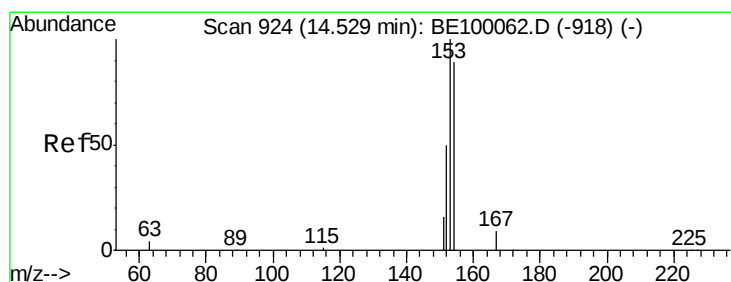
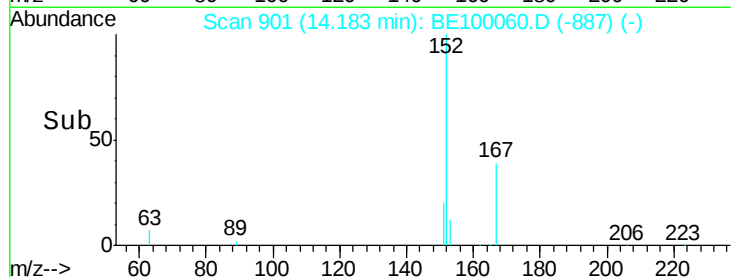
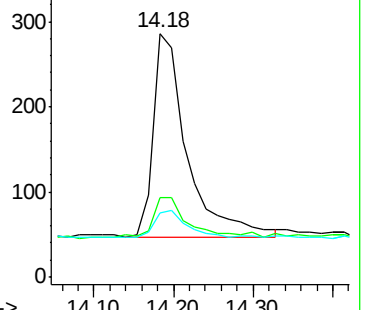
153 12.6 11.1 16.7



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: 0.087 ng

RT: 14.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

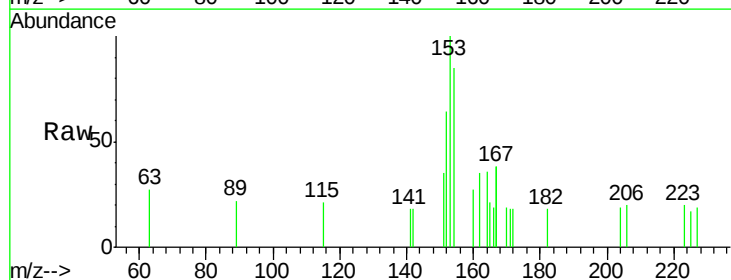
Tgt Ion:154 Resp: 366

Ion Ratio Lower Upper

154 100

153 122.1 94.3 141.5

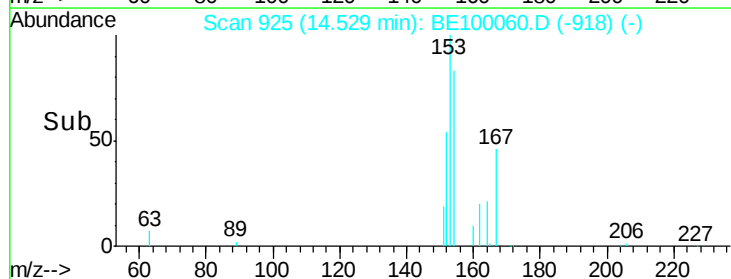
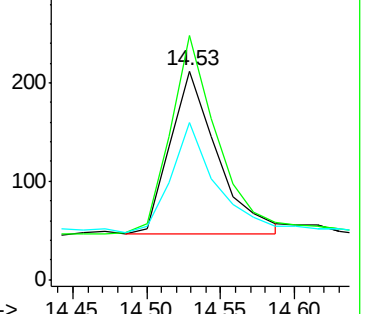
152 63.9 49.0 73.6

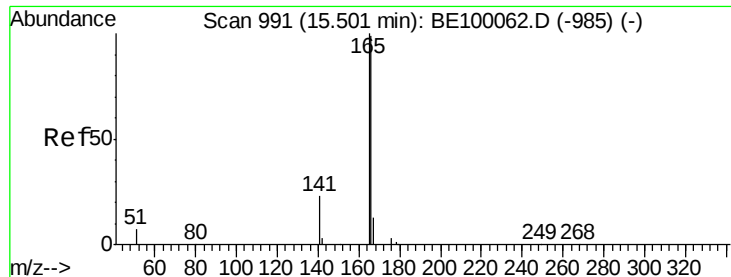


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

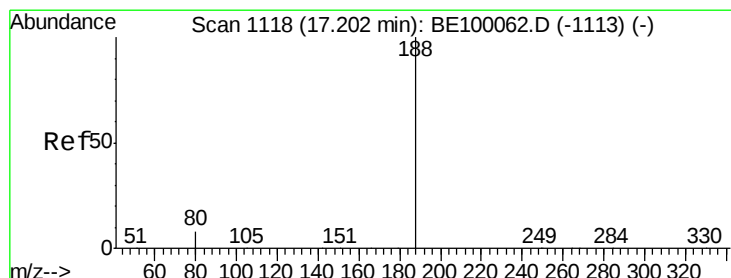
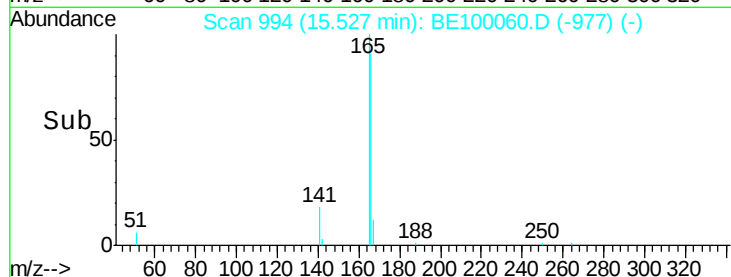
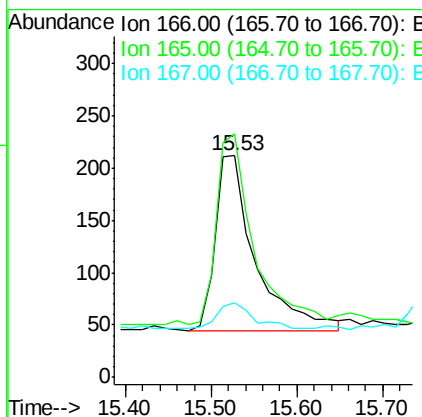
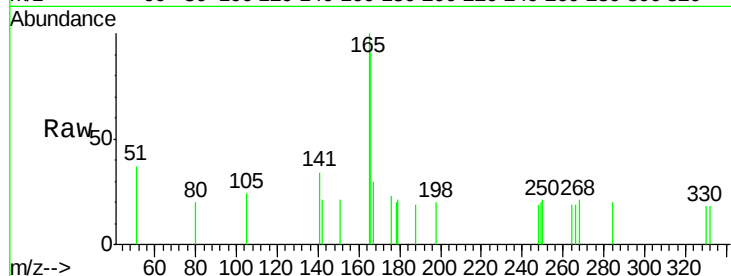




#18
Fluorene
 Concen: 0.086 ng
 RT: 15.53 min Scan# 994
 Delta R.T. 0.03 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

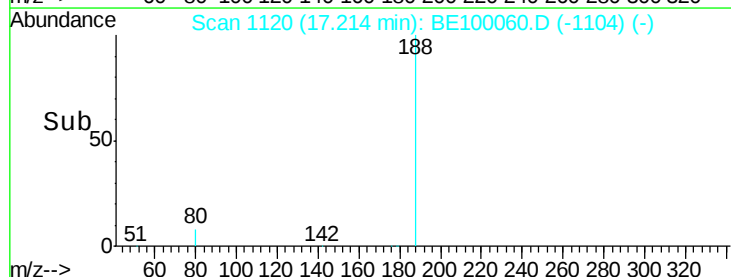
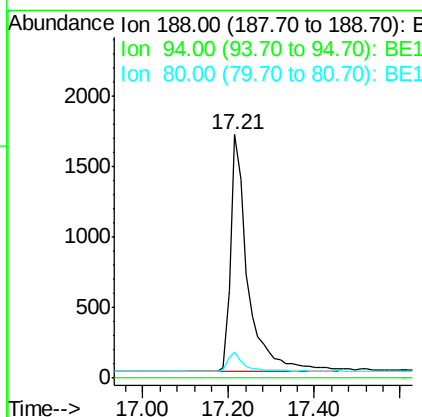
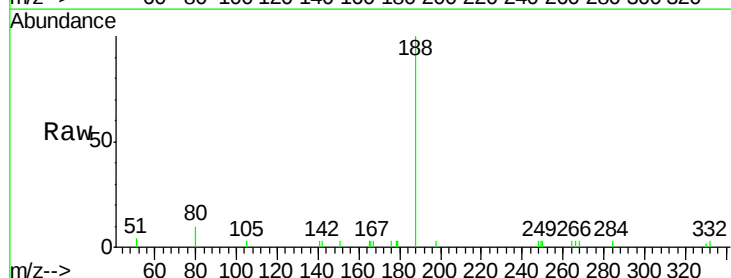
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

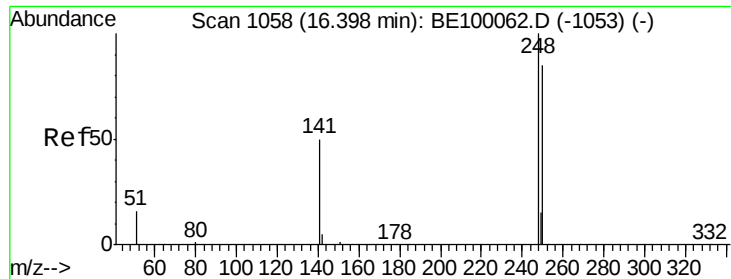
Tot Ion	Ratio	Lower	Upper
166	100		
165	106.3	82.3	123.5
167	14.3	11.0	16.4



#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BE100060.D
 Acq: 17 Jun 2019 11:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.2	12.4

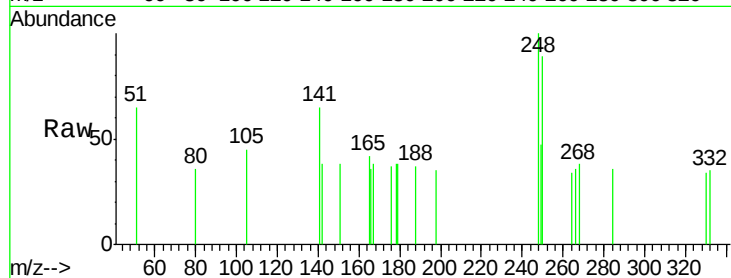




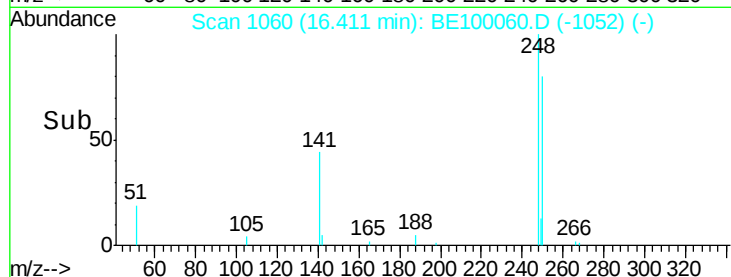
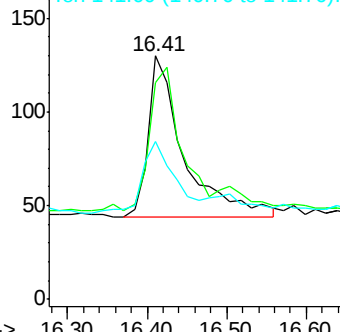
#20
4-Bromophenyl-phenylether
Concen: 0.100 ng
RT: 16.41 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

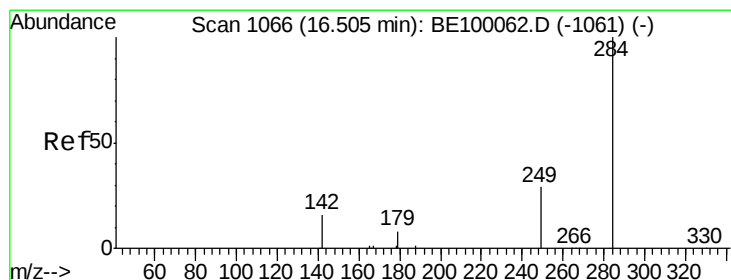
Tot Ion:248 Resp: 268
Ion Ratio Lower Upper
248 100
250 89.2 69.8 104.8
141 64.6 43.0 64.6#



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

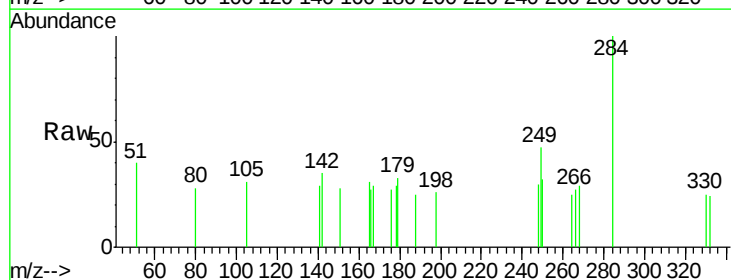


Time--> 16.30 16.40 16.50 16.60

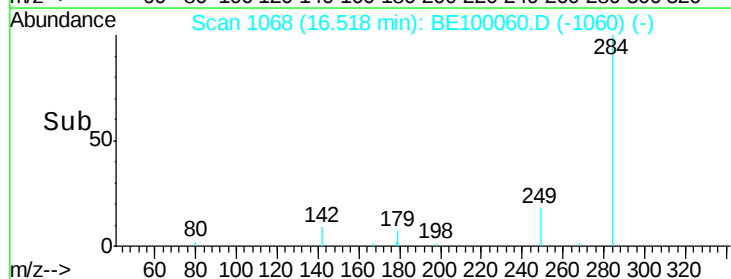
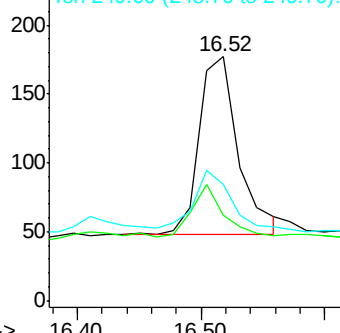


#21
Hexachlorobenzene
Concen: 0.104 ng
RT: 16.52 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

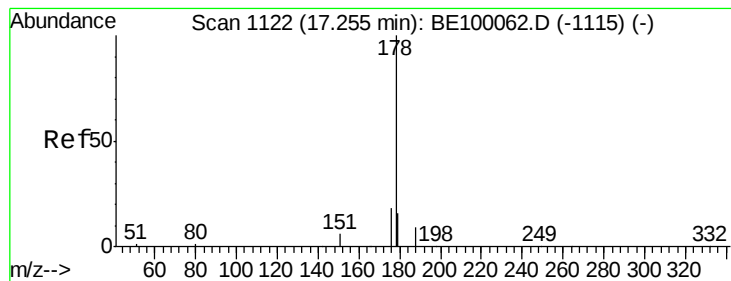
Tgt Ion:284 Resp: 284
Ion Ratio Lower Upper
284 100
142 24.3 20.3 30.5
249 28.2 25.3 37.9



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



Time--> 16.40 16.50 16.60



#23

Phenanthrene

Concen: 0.092 ng

RT: 17.25 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

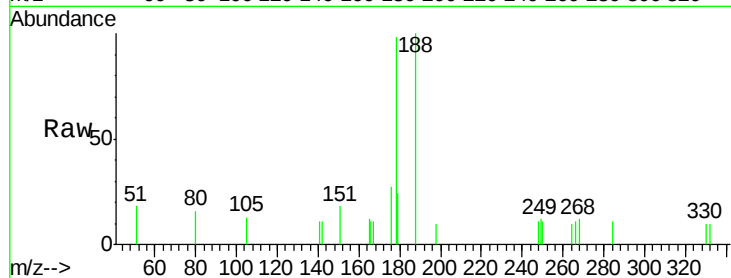
Tot Ion:178 Resp: 1049

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

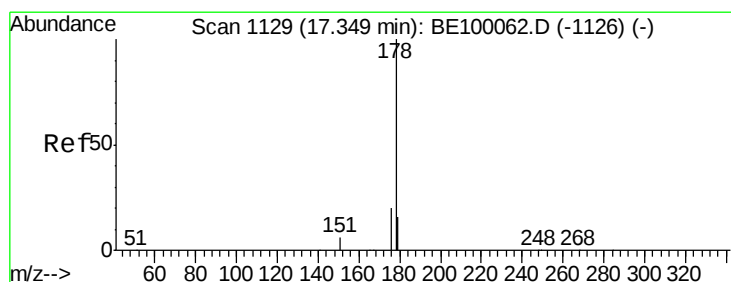
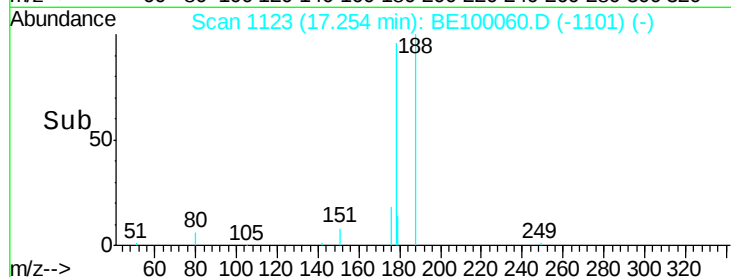
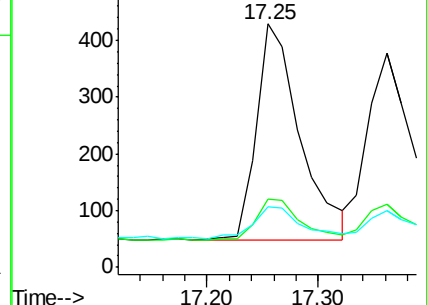
179 16.4 12.4 18.6



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: 0.073 ng

RT: 17.36 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

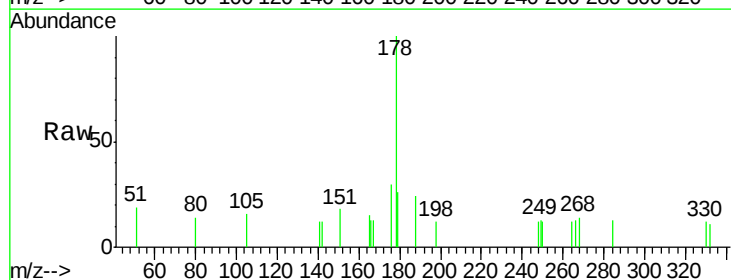
Tgt Ion:178 Resp: 770

Ion Ratio Lower Upper

178 100

176 20.9 14.6 21.8

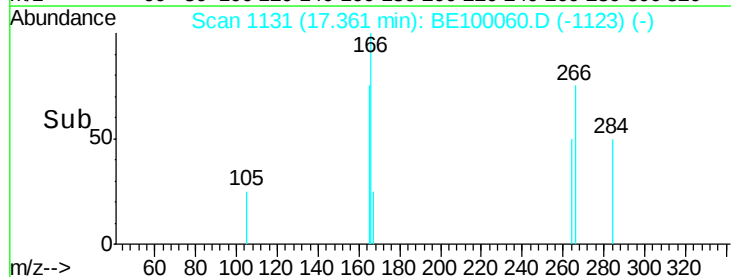
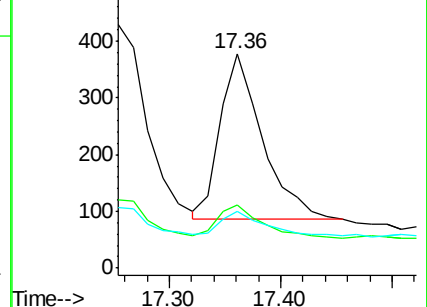
179 15.2 12.6 19.0

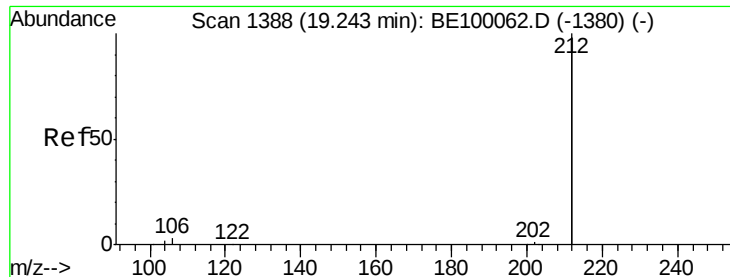


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.096 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

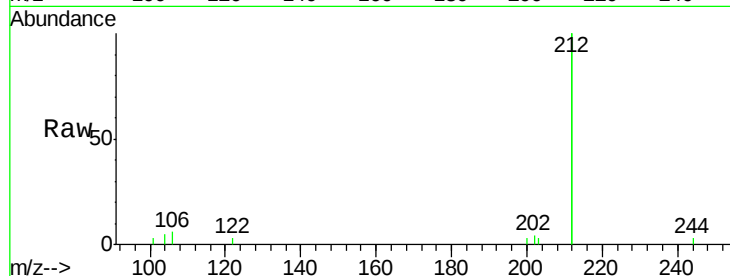
Tot Ion:212 Resp: 6576

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

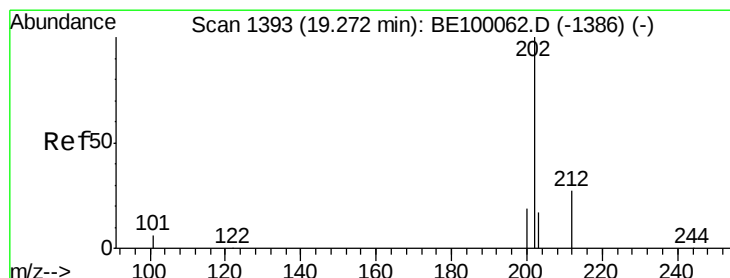
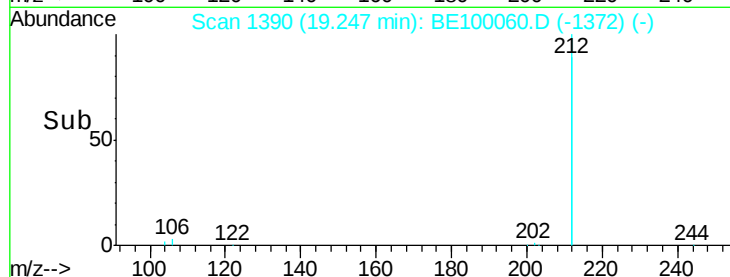
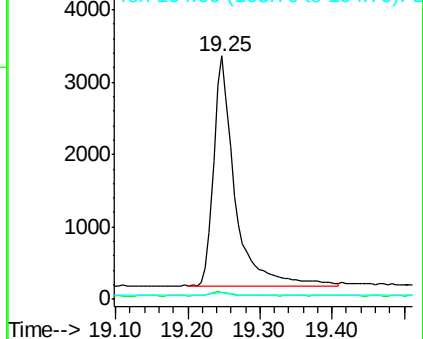
104 1.1 0.9 1.3



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: 0.095 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

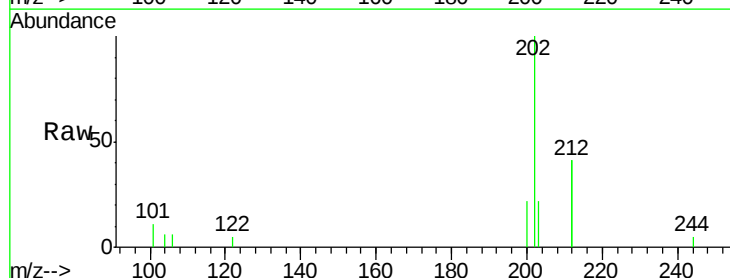
Tgt Ion:202 Resp: 1851

Ion Ratio Lower Upper

202 100

101 6.5 5.3 7.9

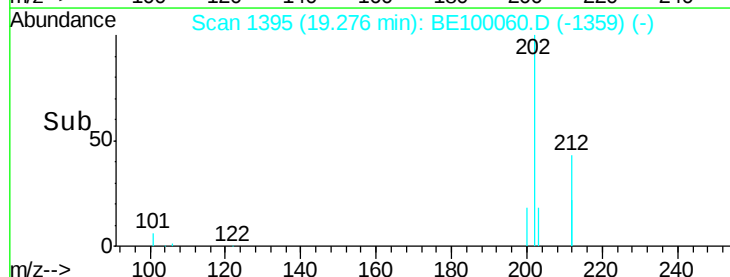
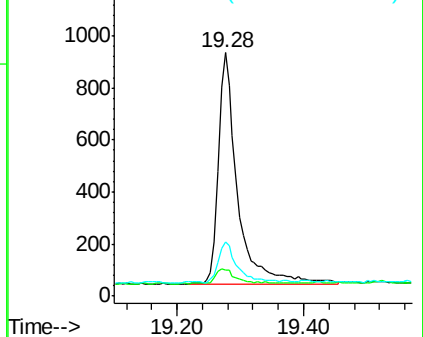
203 17.2 13.3 19.9

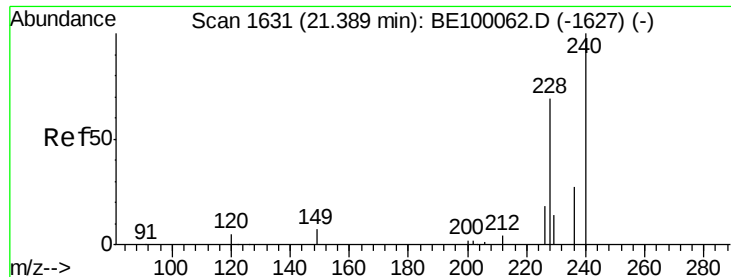


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

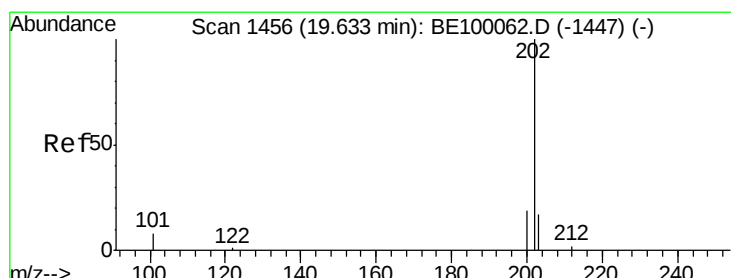
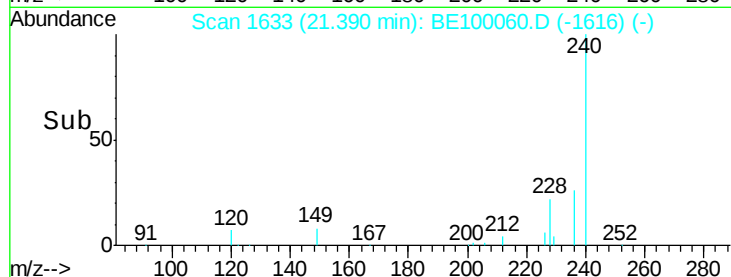
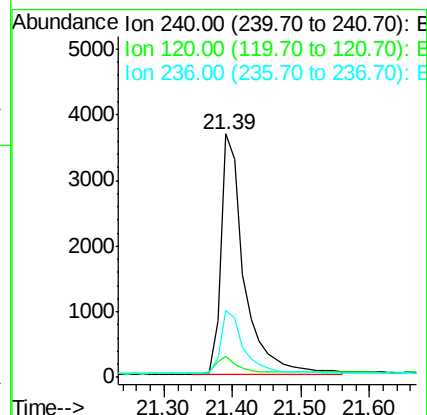
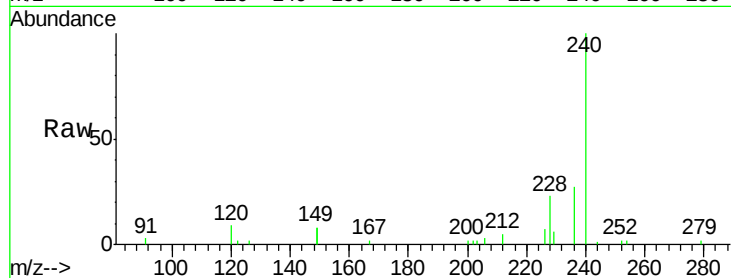




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

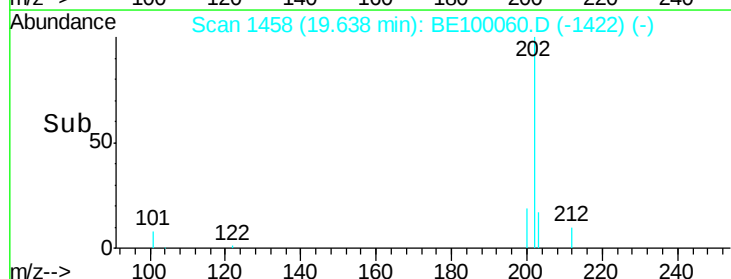
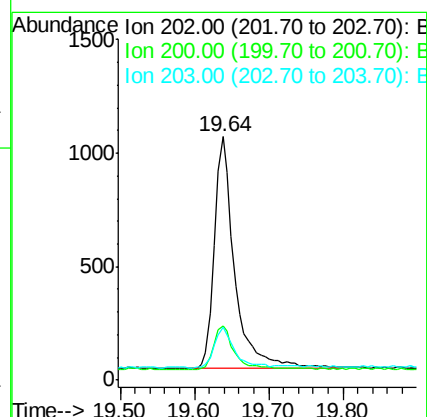
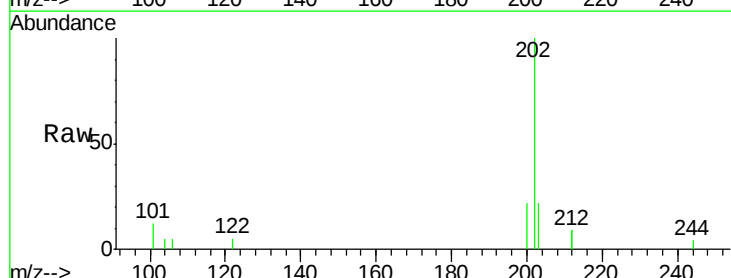
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

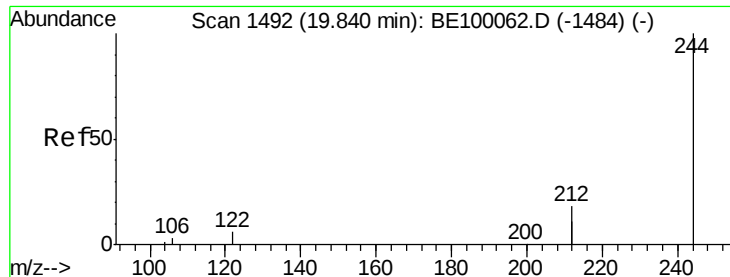
Tot Ion:240 Resp: 8539
Ion Ratio Lower Upper
240 100
120 8.5 5.4 8.0#
236 27.4 22.6 33.8



#28
Pyrene
Concen: 0.088 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE100060.D
Acq: 17 Jun 2019 11:21

Tgt Ion:202 Resp: 1969
Ion Ratio Lower Upper
202 100
200 19.3 15.6 23.4
203 17.2 14.0 21.0





#29

Terphenyl-d14

Concen: 0.087 ng

RT: 19.84 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

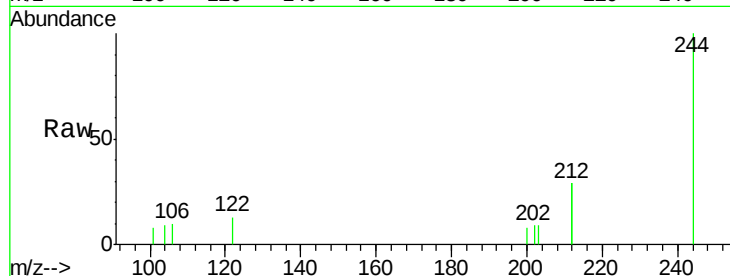
Tot Ion:244 Resp: 1343

Ion Ratio Lower Upper

244 100

212 57.4 27.9 41.9#

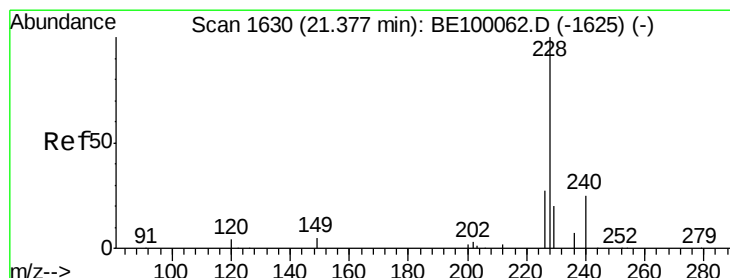
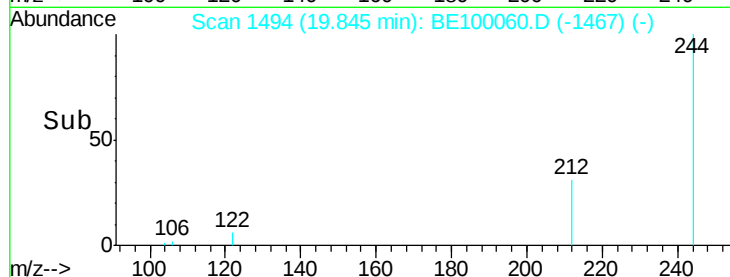
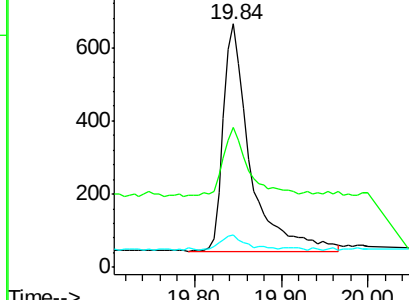
122 13.1 5.8 8.6#



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: 0.078 ng

RT: 21.38 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

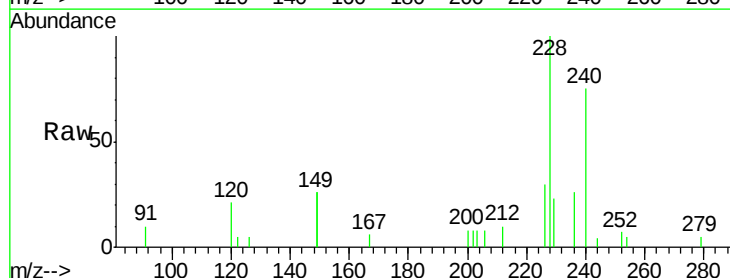
Tgt Ion:228 Resp: 1999

Ion Ratio Lower Upper

228 100

226 29.7 22.1 33.1

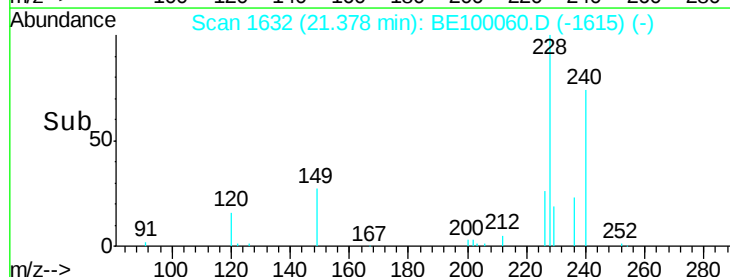
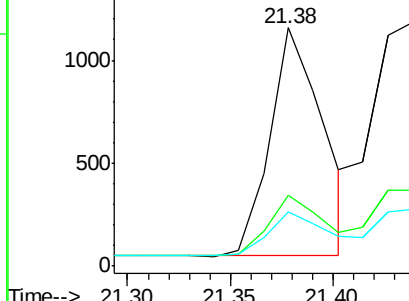
229 22.6 16.9 25.3

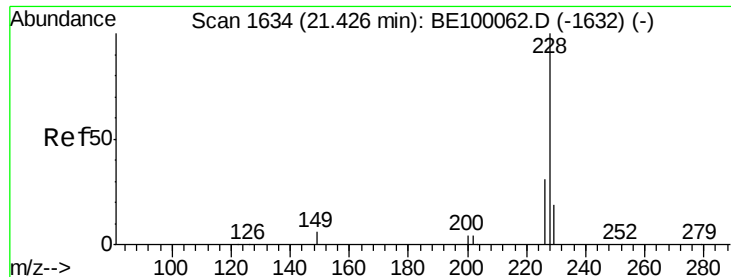


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.103 ng

RT: 21.44 min Scan# 1637

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

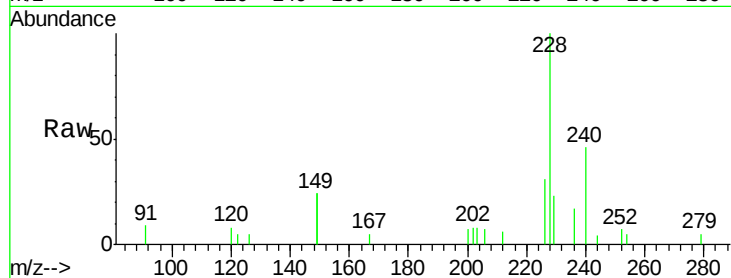
Tot Ion:228 Resp: 2727

Ion Ratio Lower Upper

228 100

226 31.4 24.1 36.1

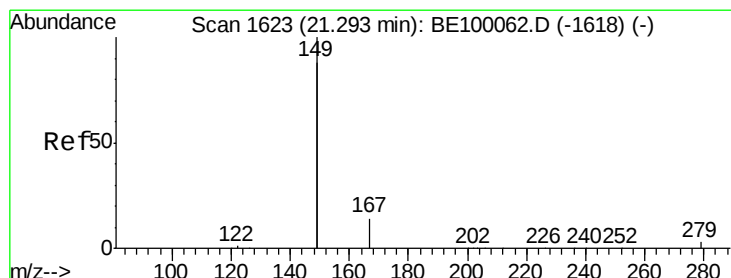
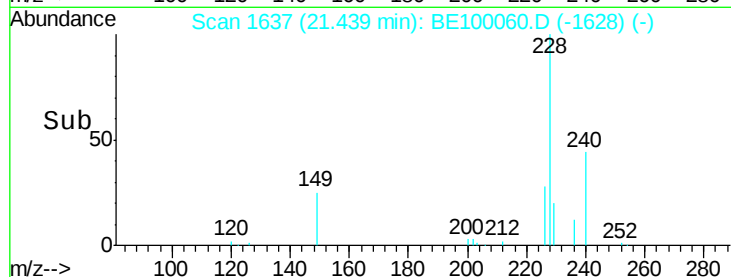
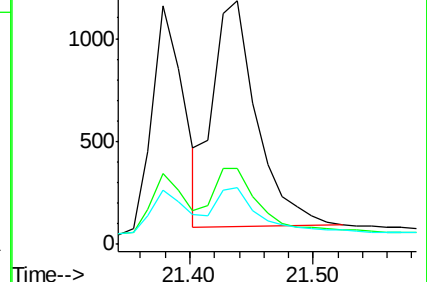
229 23.5 15.8 23.8



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: 0.113 ng

RT: 21.29 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

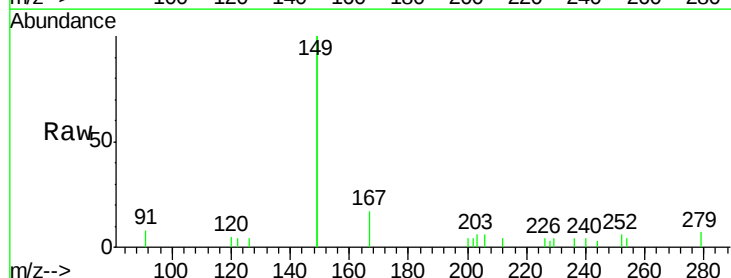
Tgt Ion:149 Resp: 4154

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

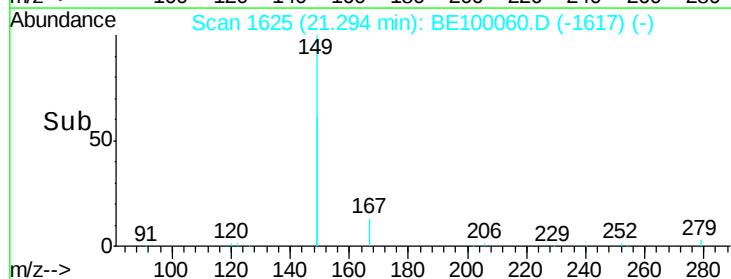
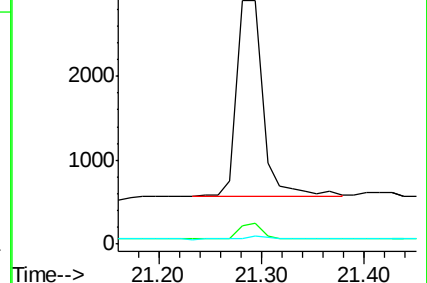
279 2.3 1.0 1.6#

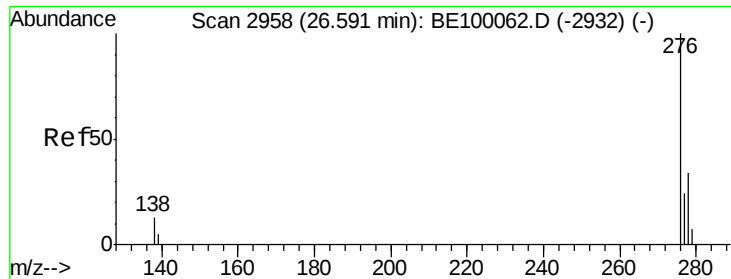


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.083 ng

RT: 26.62 min Scan# 2967

Delta R.T. 0.02 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

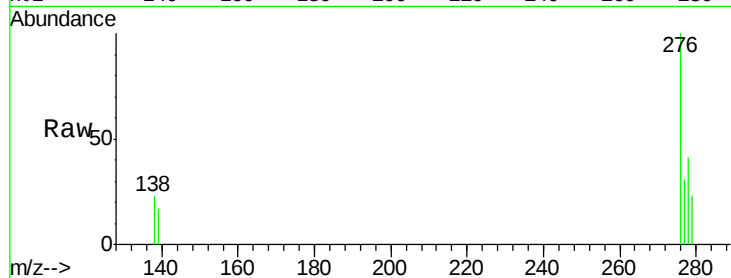
Tot Ion:276 Resp: 2602

Ion Ratio Lower Upper

276 100

138 0.0 10.7 16.1#

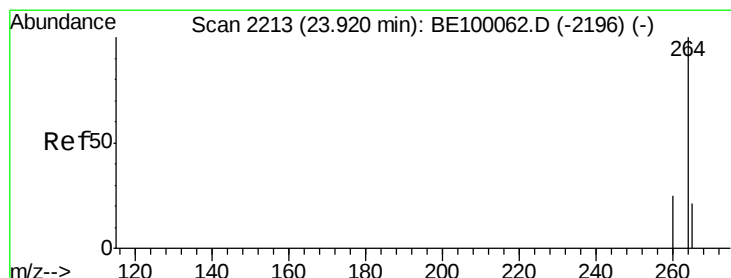
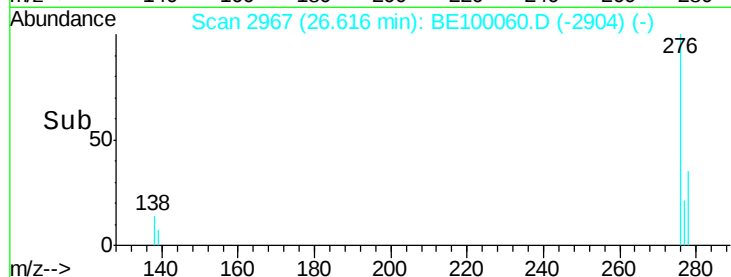
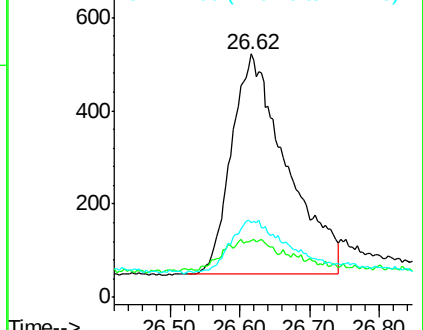
277 9.0 19.0 28.6#



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# 2215

Delta R.T. 0.00 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

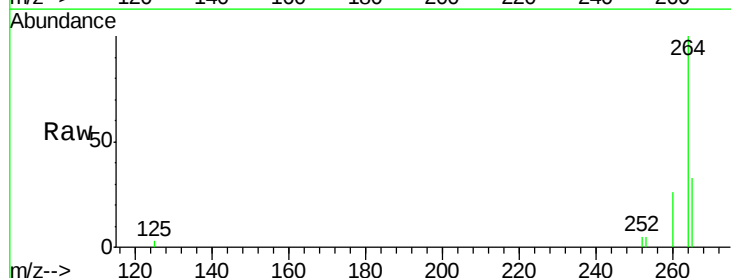
Tgt Ion:264 Resp: 9274

Ion Ratio Lower Upper

264 100

260 26.0 20.6 31.0

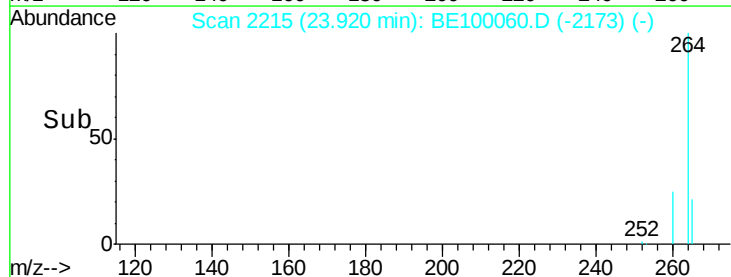
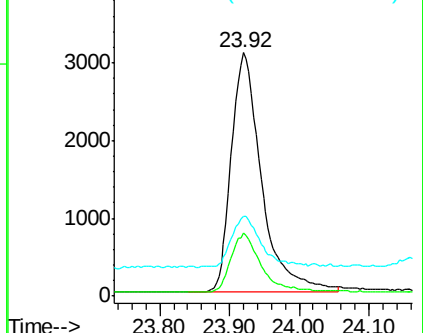
265 32.6 23.6 35.4

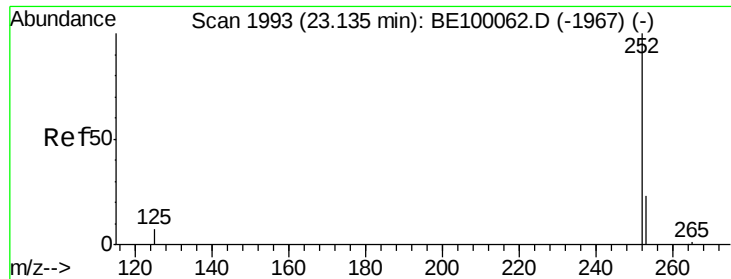


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.089 ng

RT: 23.14 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

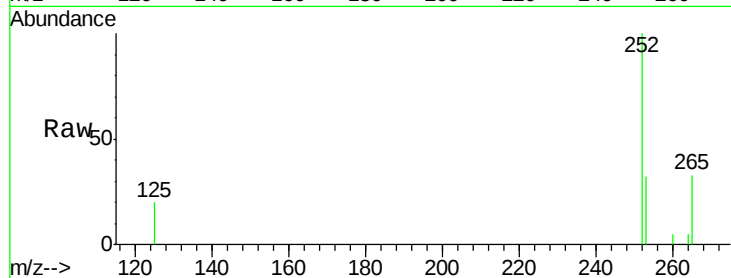
Tot Ion:252 Resp: 2315

Ion Ratio Lower Upper

252 100

253 32.0 19.6 29.4#

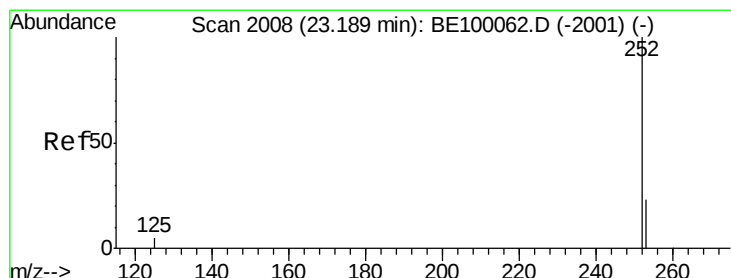
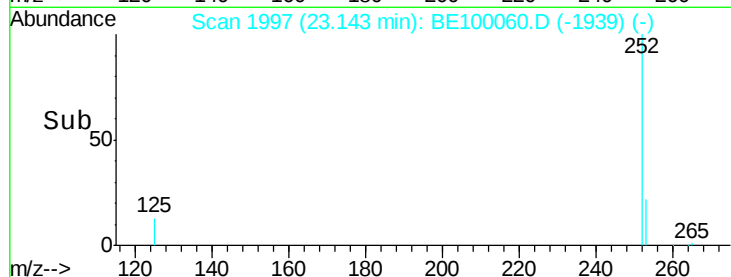
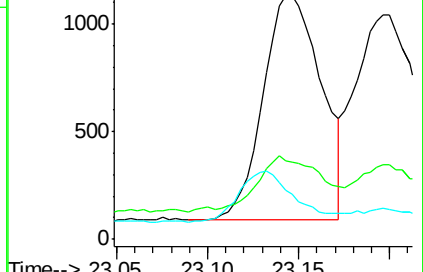
125 20.2 7.2 10.8#



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: 0.098 ng

RT: 23.20 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

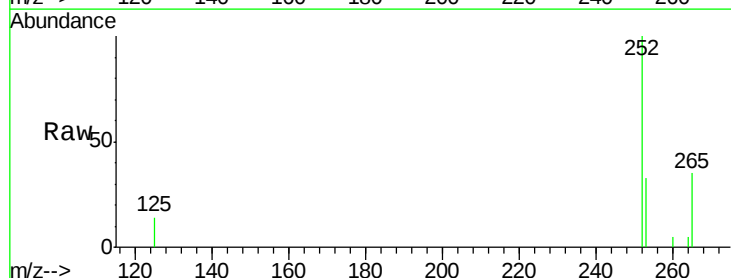
Tgt Ion:252 Resp: 2664

Ion Ratio Lower Upper

252 100

253 33.1 19.3 28.9#

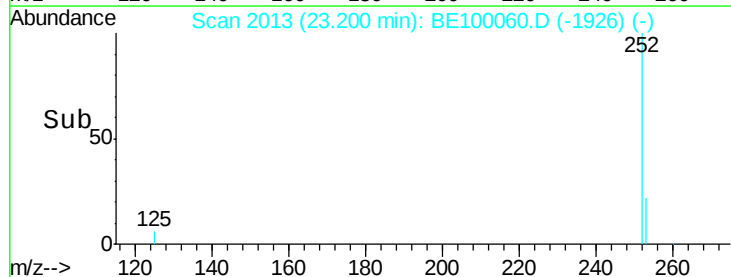
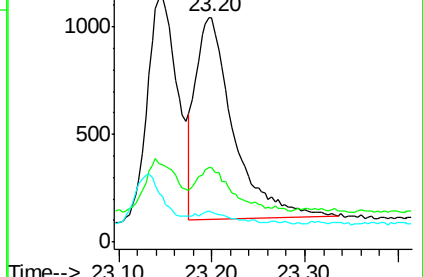
125 13.5 5.6 8.4#

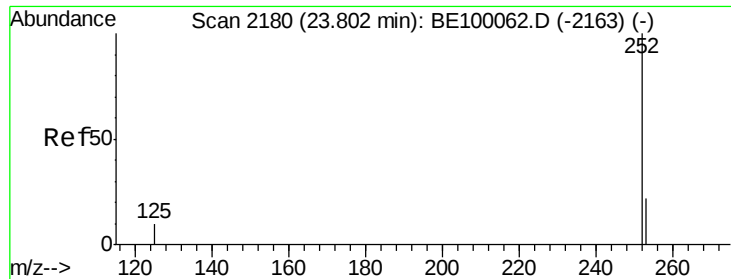


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.095 ng

RT: 23.81 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

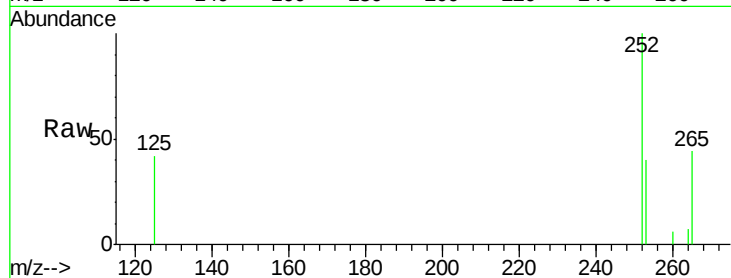
Tot Ion:252 Resp: 2437

Ion Ratio Lower Upper

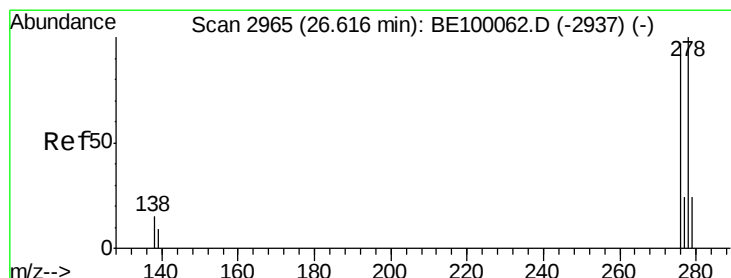
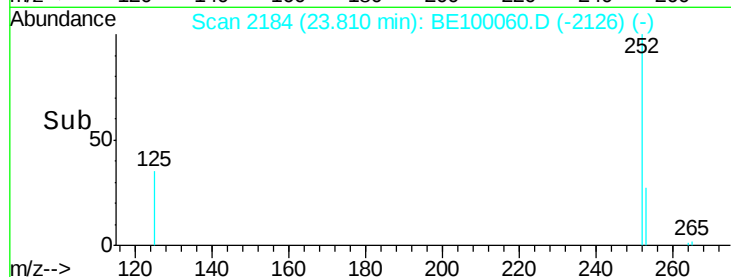
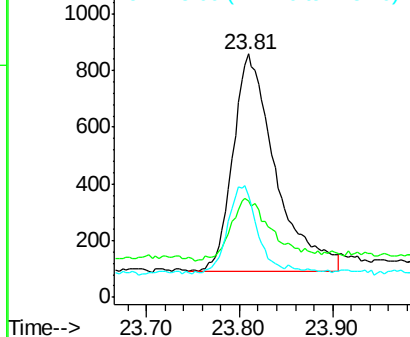
252 100

253 39.8 20.0 30.0#

125 41.9 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: 0.078 ng

RT: 26.65 min Scan# 2976

Delta R.T. 0.03 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

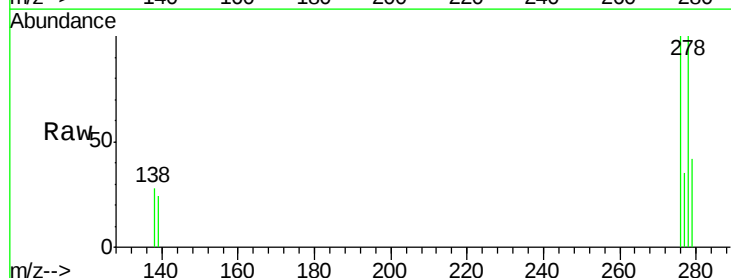
Tgt Ion:278 Resp: 2013

Ion Ratio Lower Upper

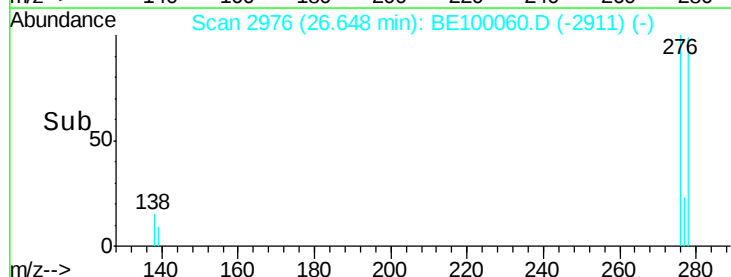
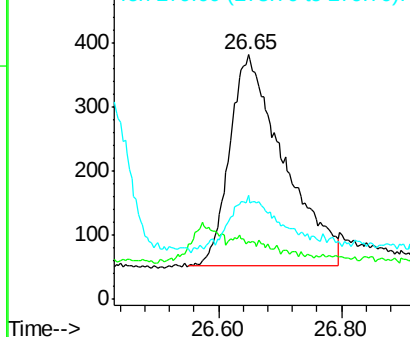
278 100

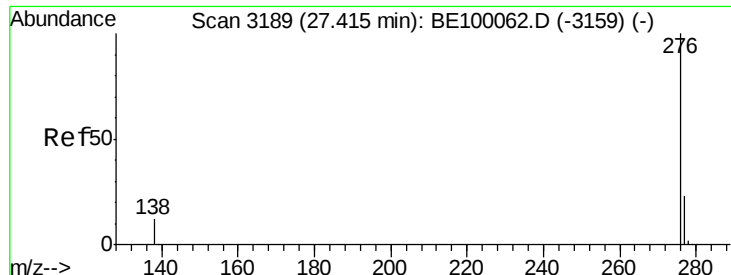
139 23.6 9.2 13.8#

279 42.1 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: 0.089 ng

RT: 27.43 min Scan# 3196

Delta R.T. 0.02 min

Lab File: BE100060.D

Acq: 17 Jun 2019 11:21

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

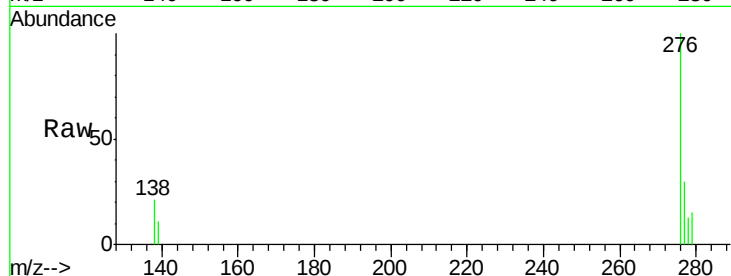
Tot Ion:276 Resp: 2366

Ion Ratio Lower Upper

276 100

277 30.0 19.4 29.2#

138 21.3 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

