

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
 Data File : BE100747.D
 Acq On : 21 Nov 2019 16:36
 Operator : JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Nov 22 01:47:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 01:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	5024	0.40	ng	0.01
7) Naphthalene-d8	10.56	136	21547	0.40	ng	0.01
13) Acenaphthene-d10	14.41	164	11211	0.40	ng	0.01
19) Phenanthrene-d10	17.13	188	26254	0.40	ng	0.00
27) Chrysene-d12	21.32	240	31365	0.40	ng	0.00
34) Perylene-d12	23.77	264	34145	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	1322	0.09	ng	0.01
5) Phenol-d6	6.94	99	1949	0.09	ng	0.01
8) Nitrobenzene-d5	8.92	82	682	0.04	ng	0.03
11) 2-Methylnaphthalene-d10	12.15	152	3092	0.09	ng	0.01
14) 2,4,6-Tribromophenol	15.89	330	144	0.12	ng	0.01
15) 2-Fluorobiphenyl	13.03	172	4422	0.11	ng	0.00
25) Fluoranthene-d10	19.17	212	30418	0.09	ng	0.00
29) Terphenyl-d14	19.78	244	7732	0.10	ng	0.00

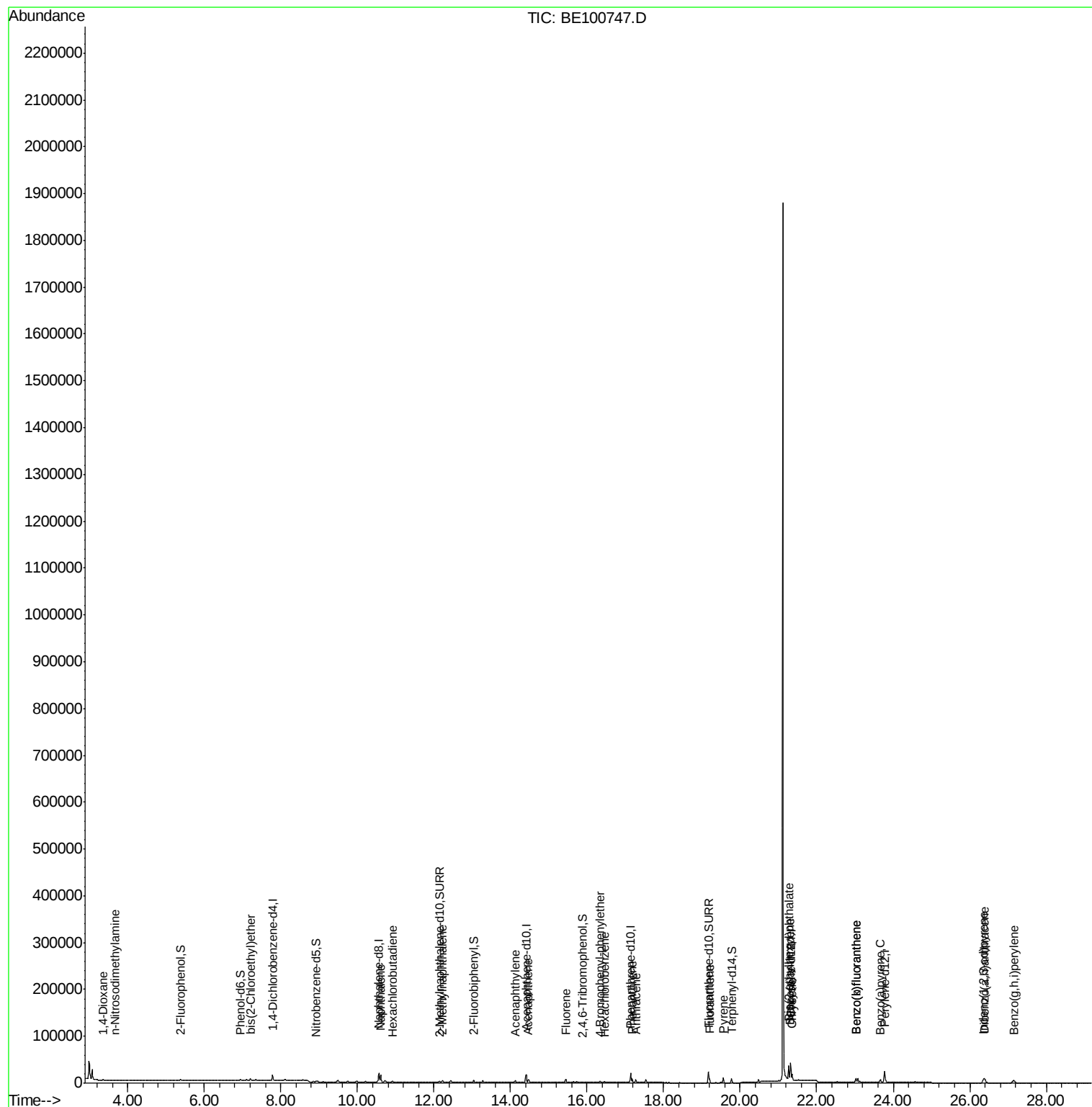
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	1211	0.138	ng	# 78
3) n-Nitrosodimethylamine	3.68	42	504	0.058	ng	# 14
6) bis(2-Chloroethyl)ether	7.21	93	1663	0.092	ng	100
9) Naphthalene	10.61	128	23034	0.103	ng	99
10) Hexachlorobutadiene	10.91	225	922	0.089	ng	99
12) 2-Methylnaphthalene	12.22	142	3520	0.092	ng	98
16) Acenaphthylene	14.13	152	4653	0.103	ng	100
17) Acenaphthene	14.47	154	3189	0.107	ng	99
18) Fluorene	15.45	166	4007	0.098	ng	96
20) 4-Bromophenyl-phenylether	16.34	248	1206	0.087	ng	# 63
21) Hexachlorobenzene	16.45	284	1294	0.096	ng	100
23) Phenanthrene	17.17	178	7874	0.110	ng	99
24) Anthracene	17.27	178	6331	0.099	ng	98
26) Fluoranthene	19.20	202	9075	0.095	ng	99
28) Pyrene	19.56	202	9779	0.112	ng	100
30) Benzo(a)anthracene	21.30	228	10816	0.107	ng	99
31) Chrysene	21.35	228	11030	0.108	ng	99
32) Bis(2-ethylhexyl)phthalate	21.27	149	40644	0.228	ng	98
33) Indeno(1,2,3-cd)pyrene	26.36	276	17669	0.148	ng	100
35) Benzo(b)fluoranthene	23.02	252	11465	0.115	ng	96
36) Benzo(k)fluoranthene	23.02	252	11465	0.110	ng	96
37) Benzo(a)pyrene	23.66	252	9724	0.105	ng	# 93
38) Dibenzo(a,h)anthracene	26.38	278	14063	0.145	ng	97
39) Benzo(g,h,i)perylene	27.14	276	15747	0.166	ng	96

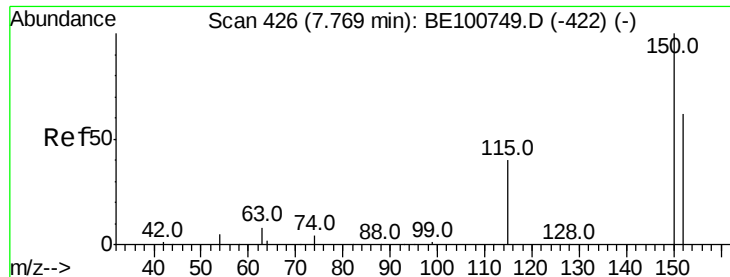
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 22 01:43:03 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 426

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

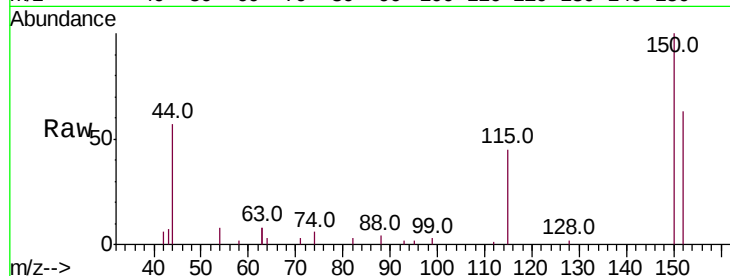
Tot Ion:152 Resp: 5024

Ion Ratio Lower Upper

152 100

150 159.1 127.1 190.7

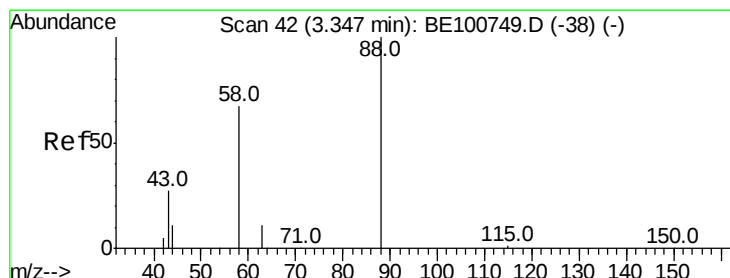
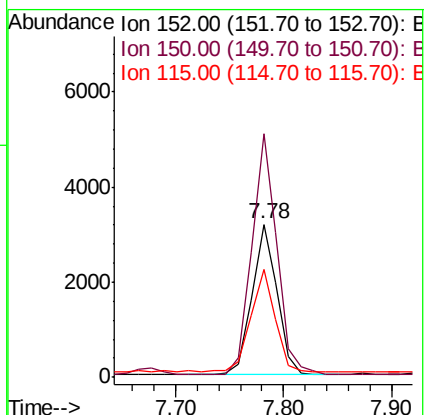
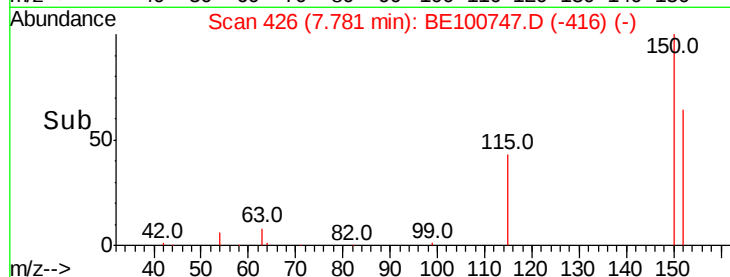
115 70.9 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.138 ng

RT: 3.36 min Scan# 42

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

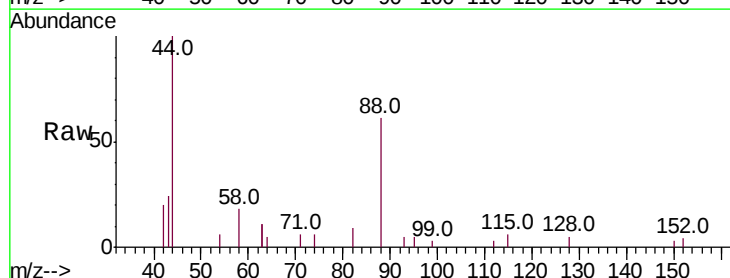
Tgt Ion: 88 Resp: 1211

Ion Ratio Lower Upper

88 100

58 52.2 60.7 91.1#

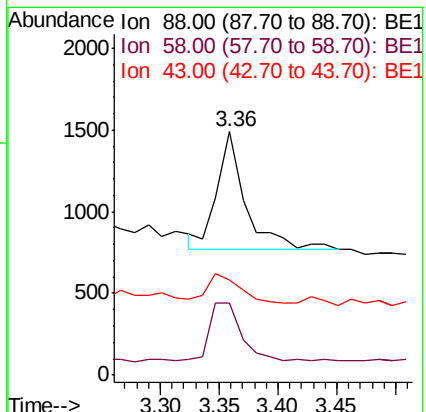
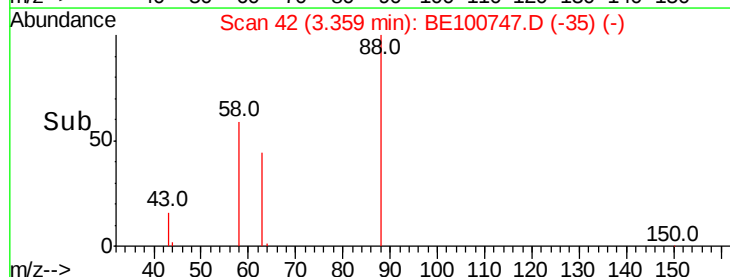
43 28.7 27.4 41.2

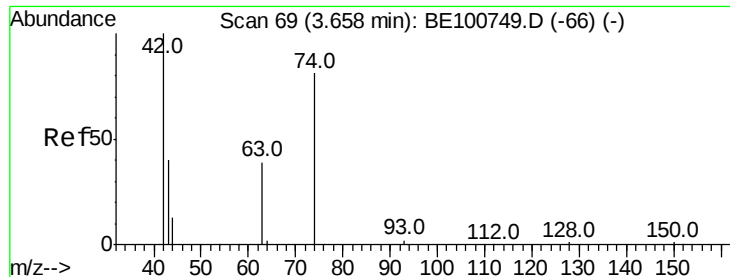


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.058 ng

RT: 3.68 min Scan# 70

Delta R.T. 0.02 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

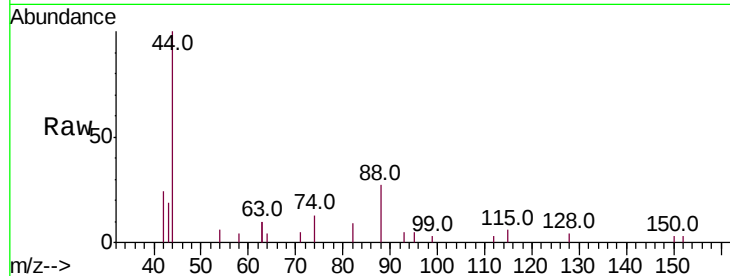
Tot Ion: 42 Resp: 504

Ion Ratio Lower Upper

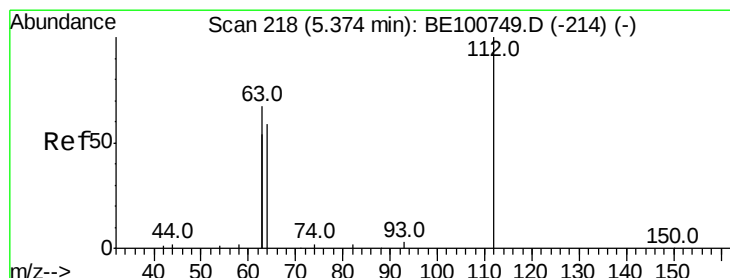
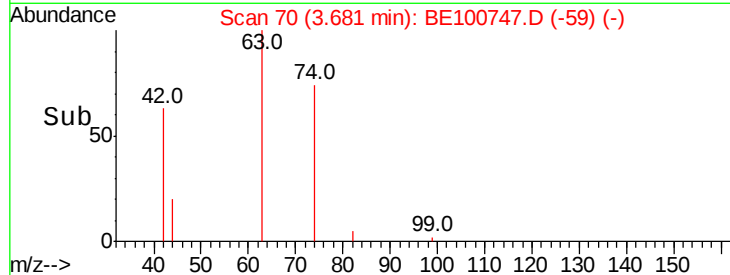
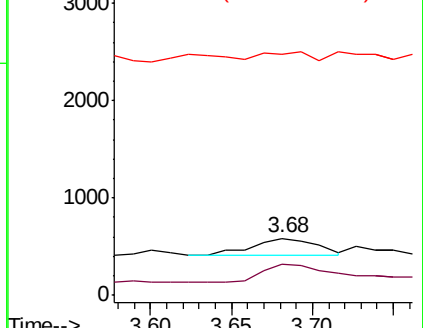
42 100

74 121.2 0.0 0.0#

44 33.9 4.2 6.4#



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



#4

2-Fluorophenol

Concen: 0.090 ng

RT: 5.39 min Scan# 218

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

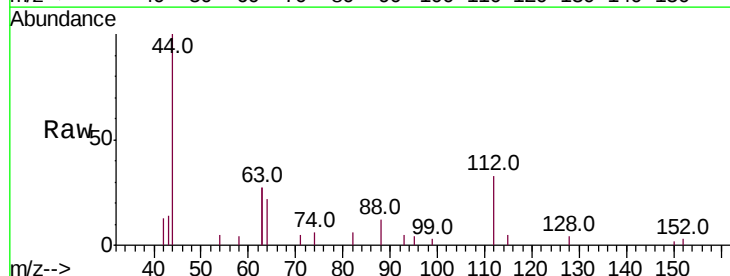
Tgt Ion: 112 Resp: 1322

Ion Ratio Lower Upper

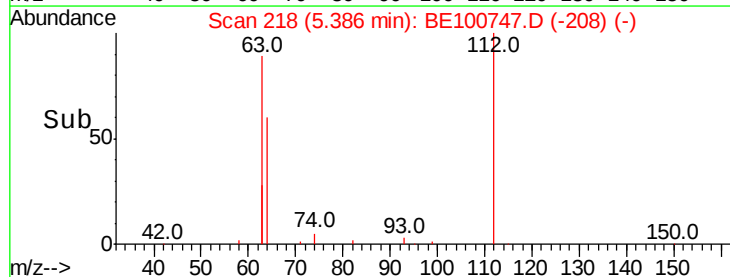
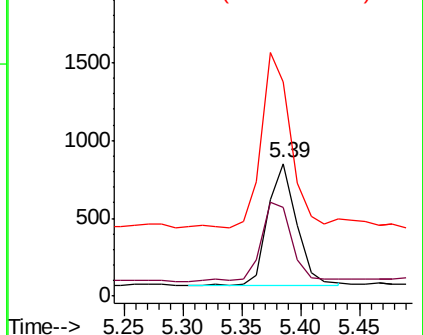
112 100

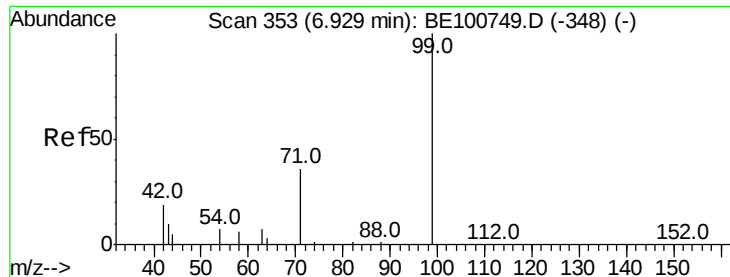
64 69.2 54.3 81.5

63 142.9 114.0 171.0



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





#5

Phenol-d6

Concen: 0.094 ng

RT: 6.94 min Scan# 353

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

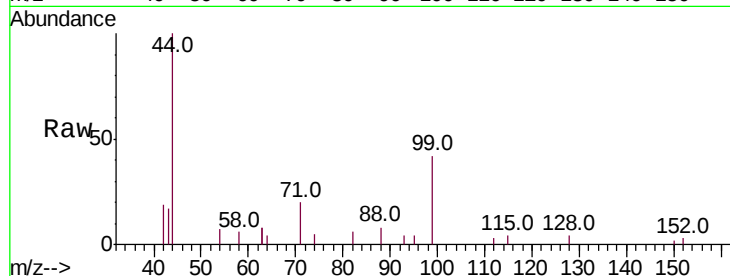
Tot Ion: 99 Resp: 1949

Ion Ratio Lower Upper

99 100

42 29.0 17.9 26.9#

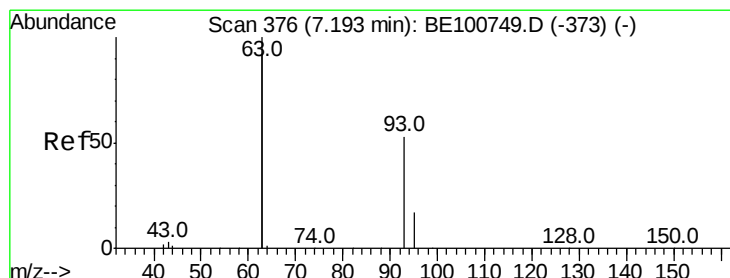
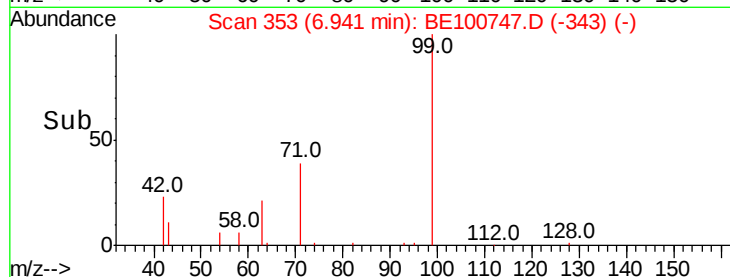
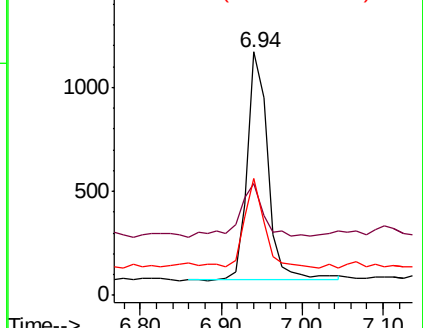
71 38.6 29.3 43.9



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: 0.092 ng

RT: 7.21 min Scan# 376

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

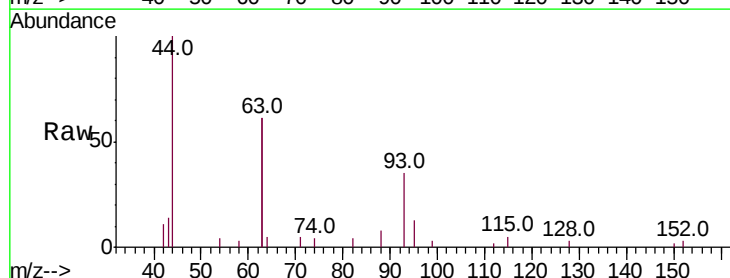
Tgt Ion: 93 Resp: 1663

Ion Ratio Lower Upper

93 100

63 334.3 267.0 400.6

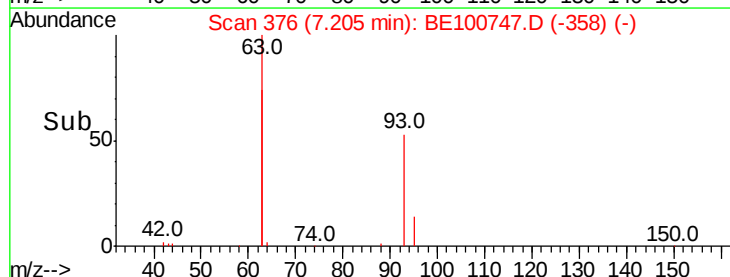
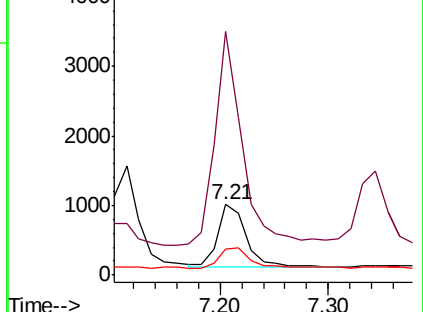
95 32.2 26.2 39.4

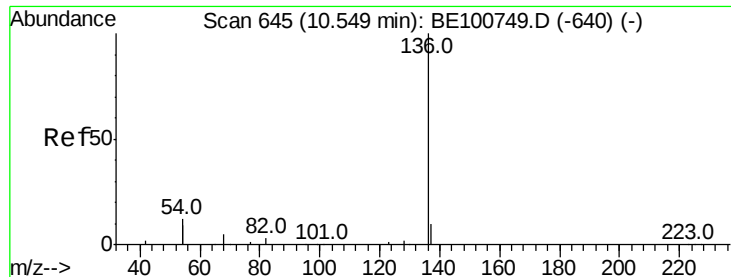


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.56 min Scan# 645

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 21547

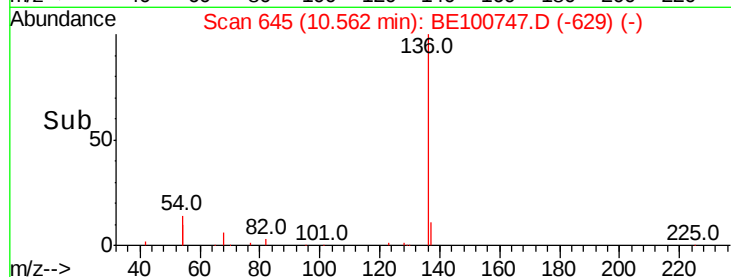
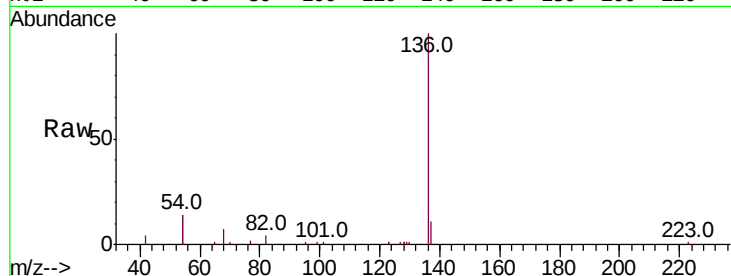
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 27.9 19.4 29.0

68 6.7 4.6 6.8

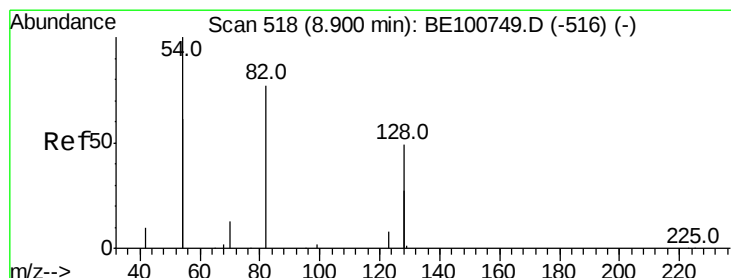
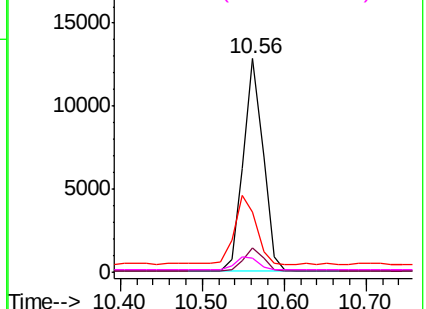


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.037 ng

RT: 8.92 min Scan# 519

Delta R.T. 0.03 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

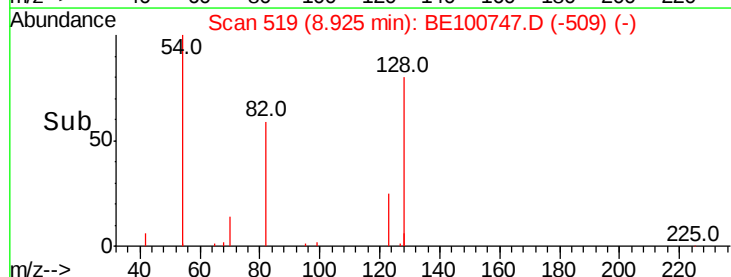
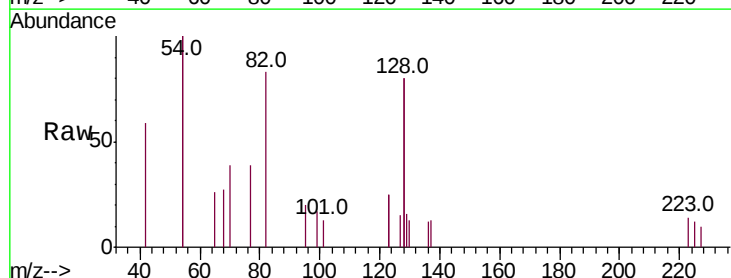
Tgt Ion: 82 Resp: 682

Ion Ratio Lower Upper

82 100

128 191.8 90.2 135.4#

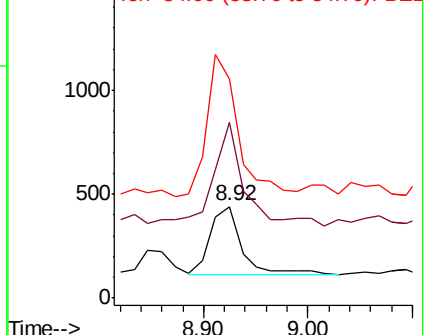
54 240.5 186.0 279.0

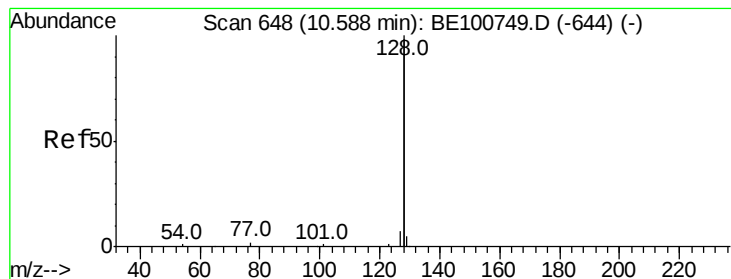


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.103 ng

RT: 10.61 min Scan# 649

Delta R.T. 0.03 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

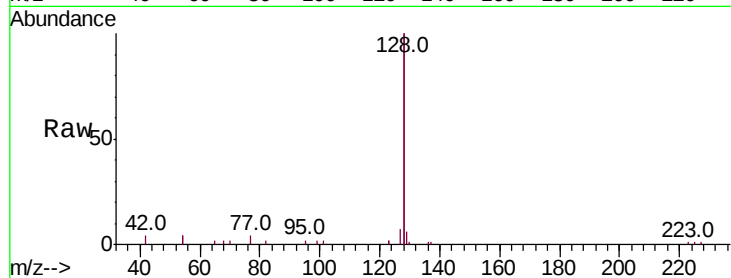
Tot Ion:128 Resp: 23034

Ion Ratio Lower Upper

128 100

129 3.1 2.3 3.5

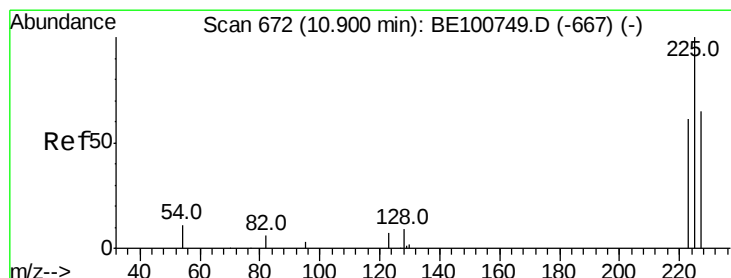
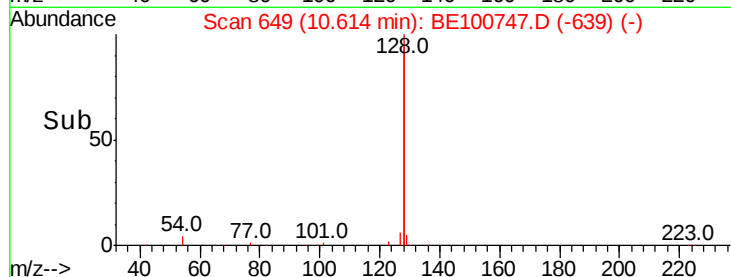
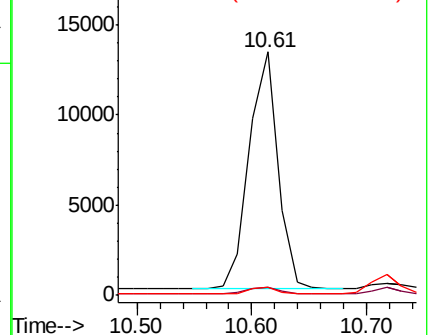
127 3.6 2.7 4.1



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: 0.089 ng

RT: 10.91 min Scan# 672

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

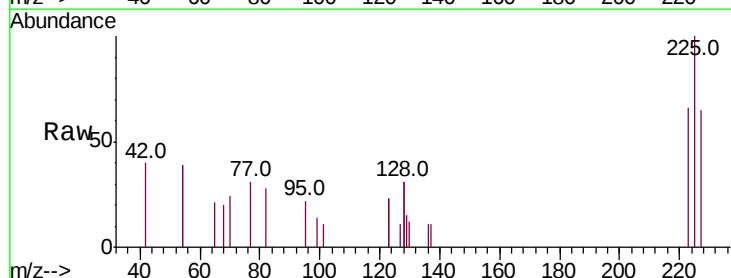
Tgt Ion:225 Resp: 922

Ion Ratio Lower Upper

225 100

223 61.7 50.6 75.8

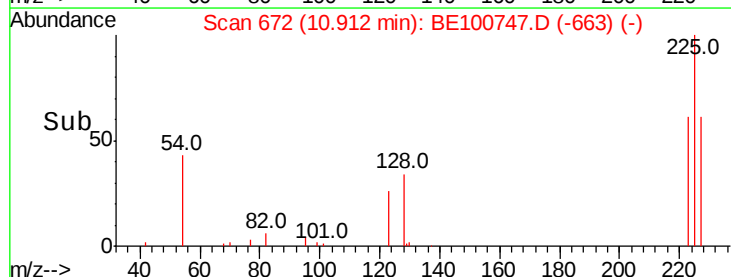
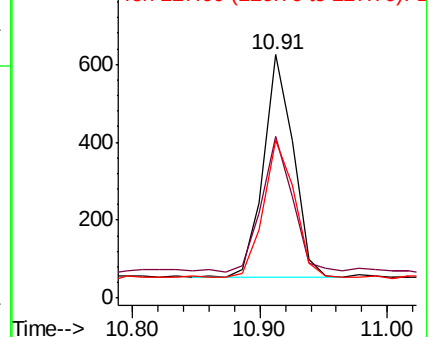
227 65.4 52.0 78.0

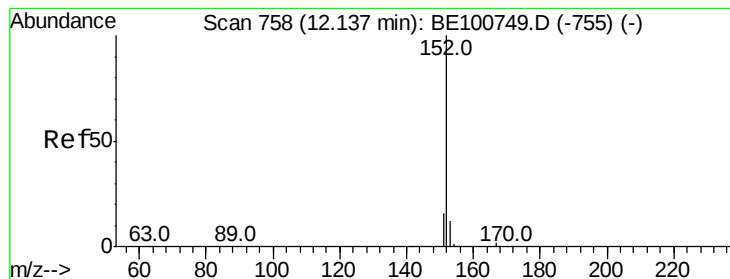


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.090 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

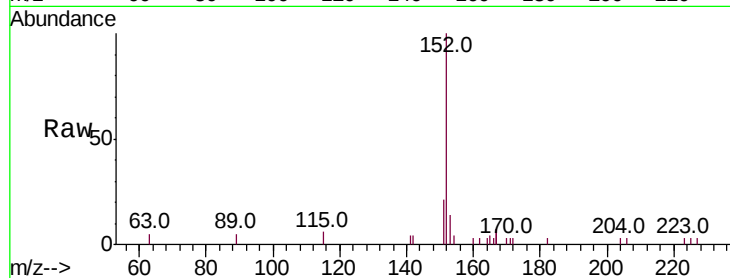
SSTDIC0.1

Tot Ion:152 Resp: 3092

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

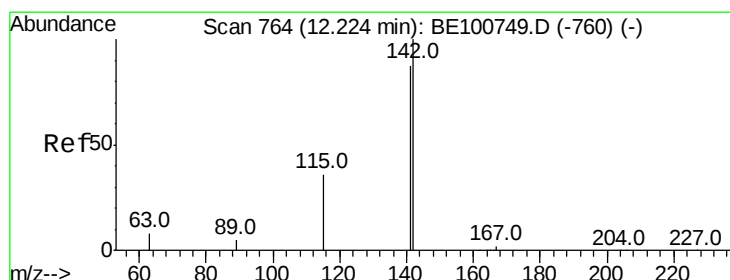
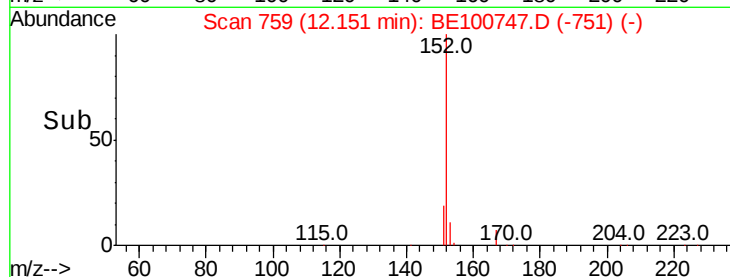
1000

500

0

12.10 12.15 12.20

Time-->



#12

2-Methylnaphthalene

Concen: 0.092 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

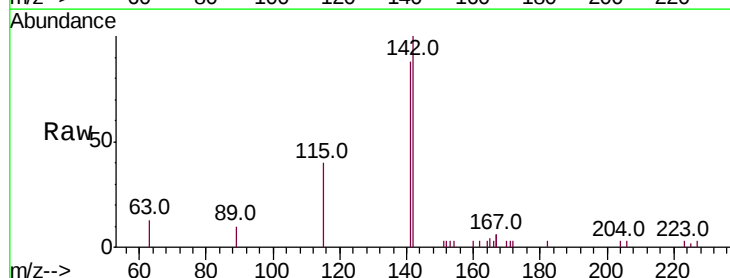
Tgt Ion:142 Resp: 3520

Ion Ratio Lower Upper

142 100

141 88.2 69.9 104.9

115 40.4 29.5 44.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

3000

2500

2000

1500

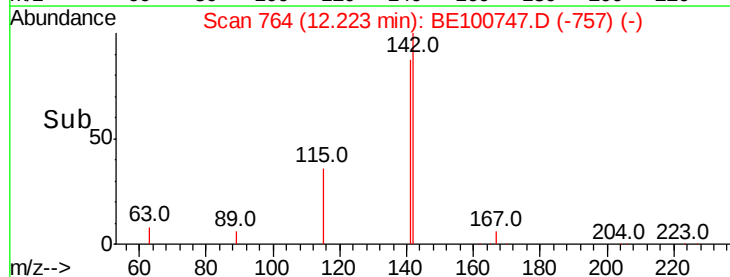
1000

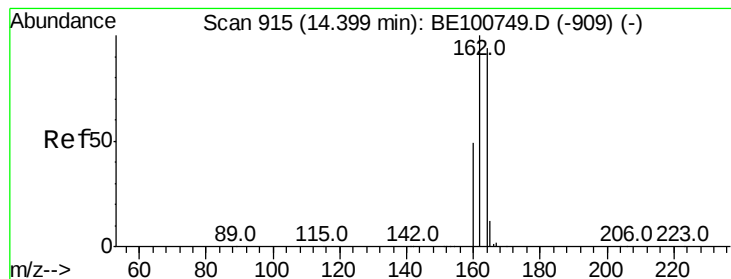
500

0

12.20 12.22 12.30

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.41 min Scan# 916

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

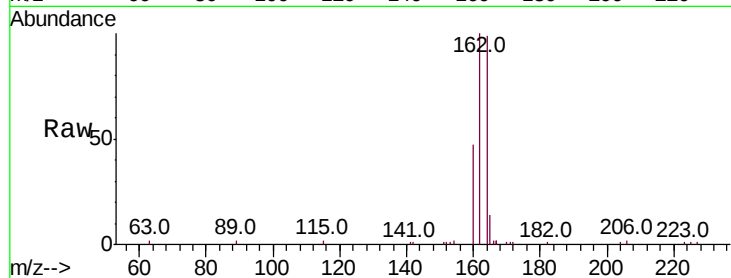
Tot Ion:164 Resp: 11211

Ion Ratio Lower Upper

164 100

162 100.8 84.8 127.2

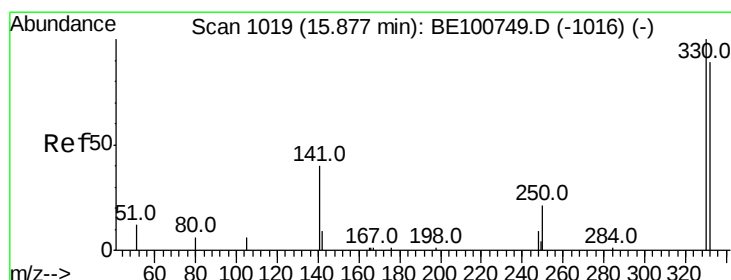
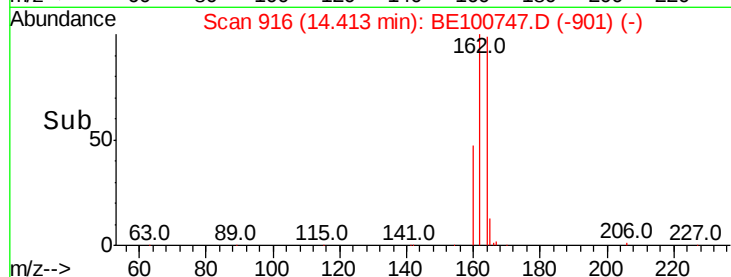
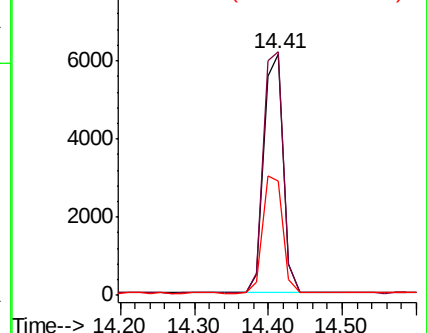
160 47.3 42.3 63.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.123 ng

RT: 15.89 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

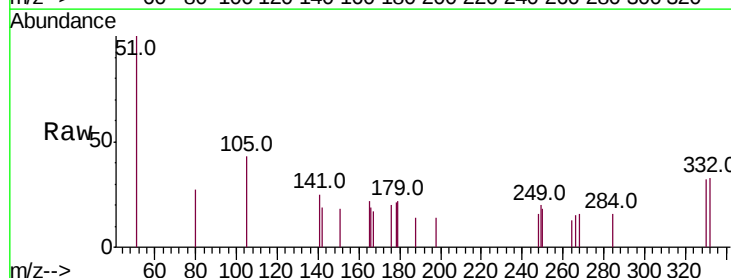
Tgt Ion:330 Resp: 144

Ion Ratio Lower Upper

330 100

332 126.4 79.3 118.9#

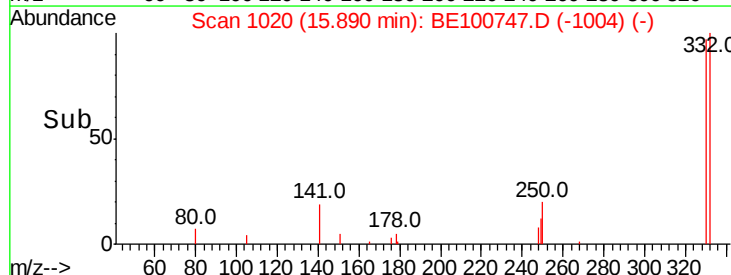
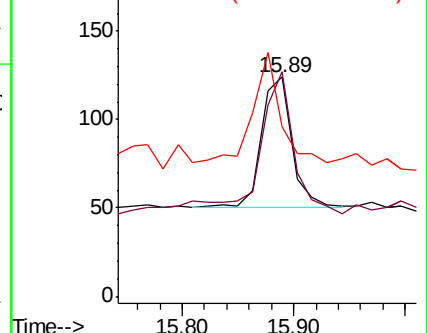
141 75.0 43.8 65.6#

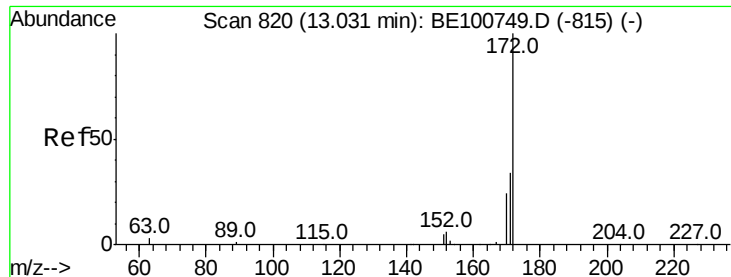


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

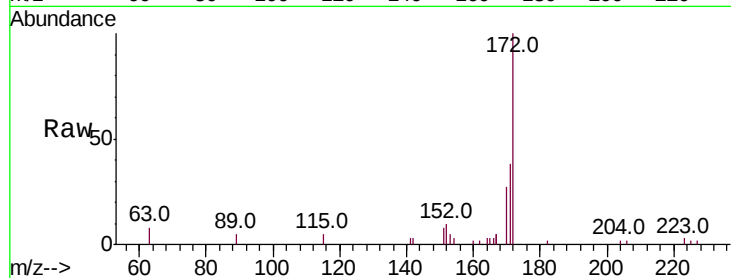




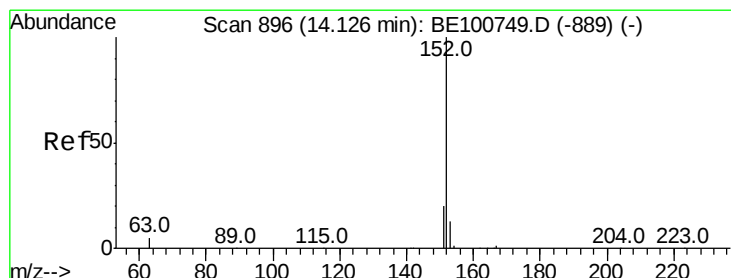
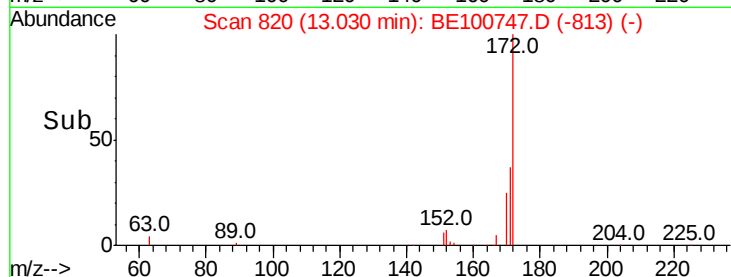
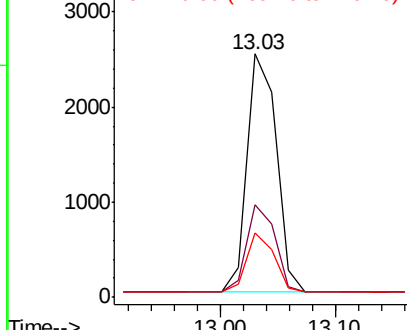
#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:172 Resp: 4422
Ion Ratio Lower Upper
172 100
171 38.2 27.8 41.6
170 26.6 19.4 29.2

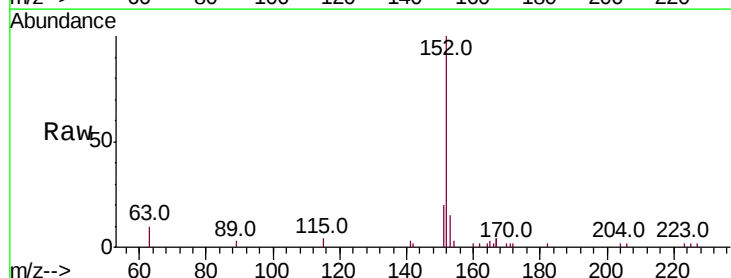


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

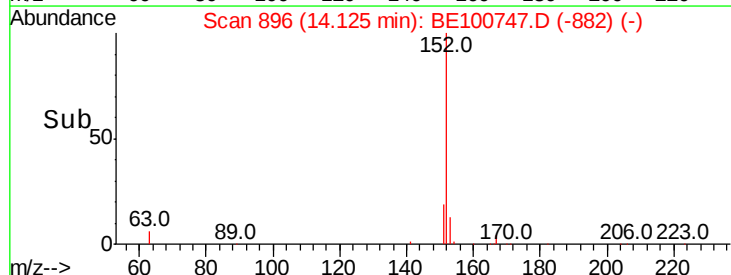
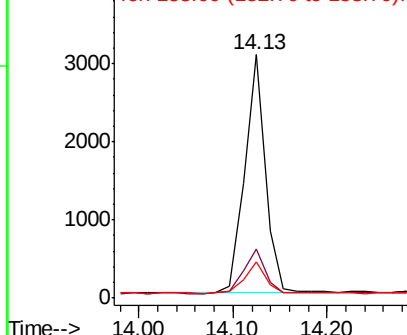


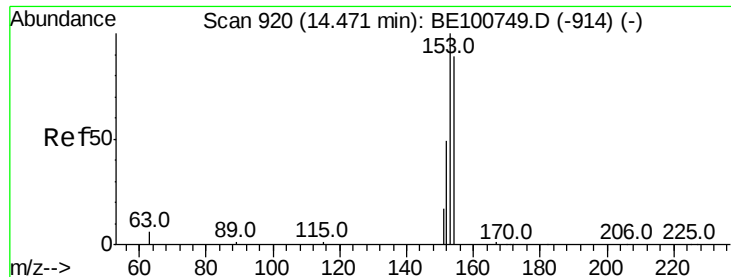
#16
Acenaphthylene
Concen: 0.103 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:152 Resp: 4653
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.5 10.6 15.8



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

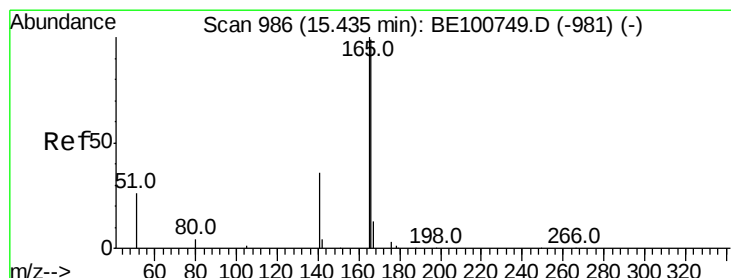
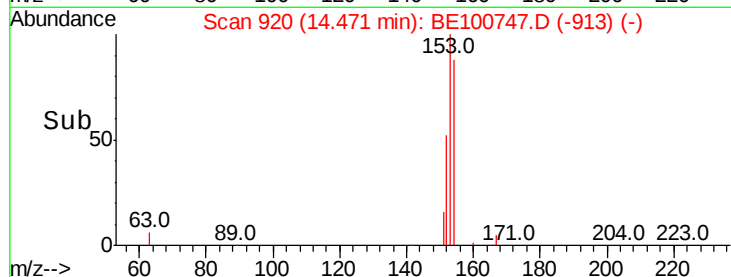
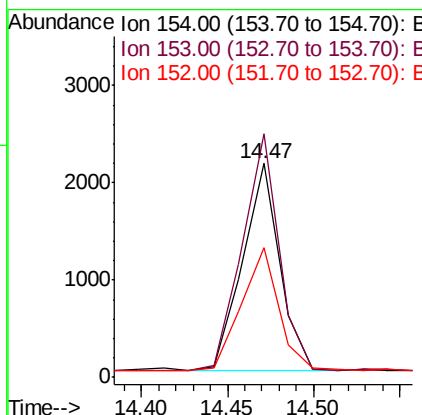
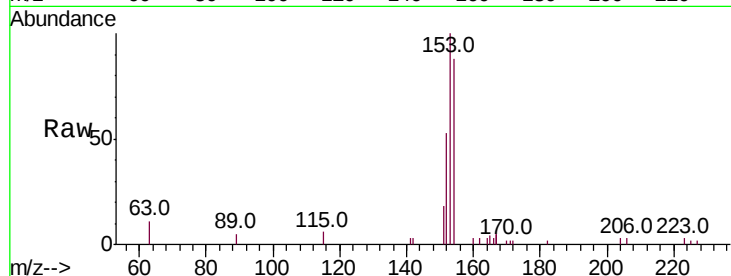




#17
Acenaphthene
Concen: 0.107 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

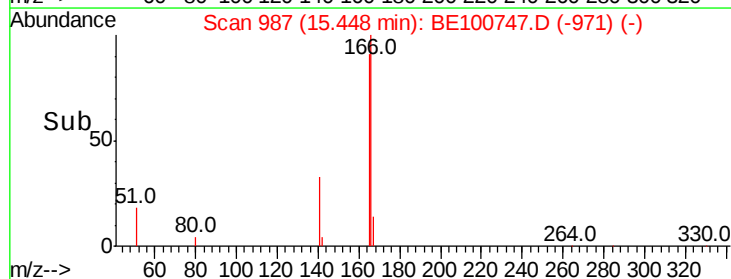
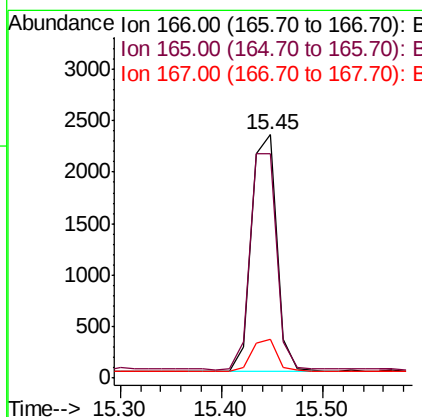
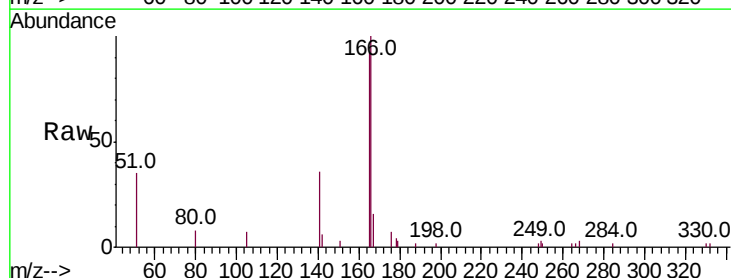
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

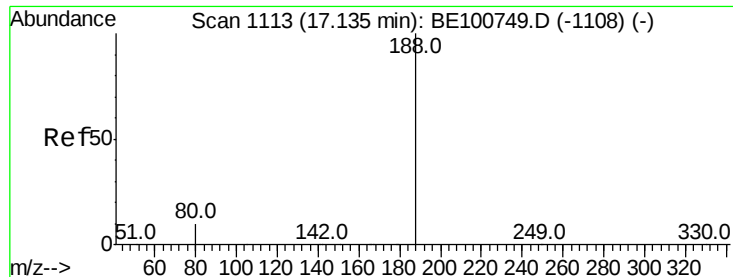
Tot Ion:154 Resp: 3189
Ion Ratio Lower Upper
154 100
153 113.7 91.6 137.4
152 60.5 47.0 70.6



#18
Fluorene
Concen: 0.098 ng
RT: 15.45 min Scan# 987
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:166 Resp: 4007
Ion Ratio Lower Upper
166 100
165 95.7 80.2 120.4
167 14.6 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

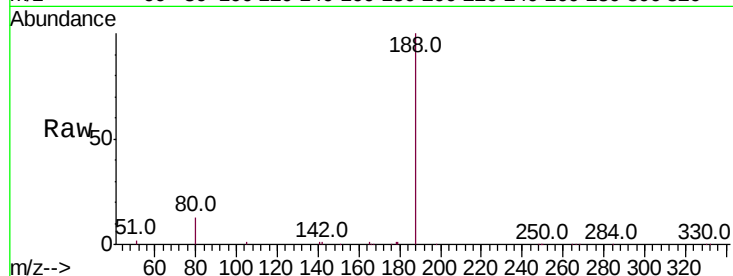
Tot Ion:188 Resp: 26254

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

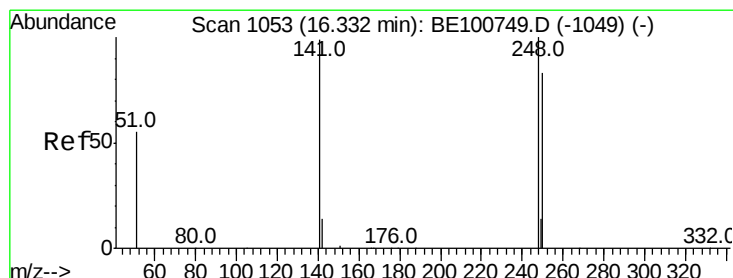
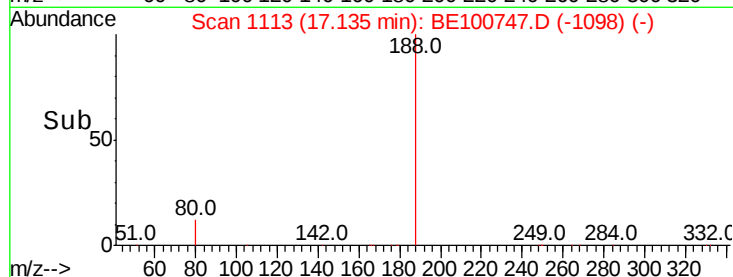
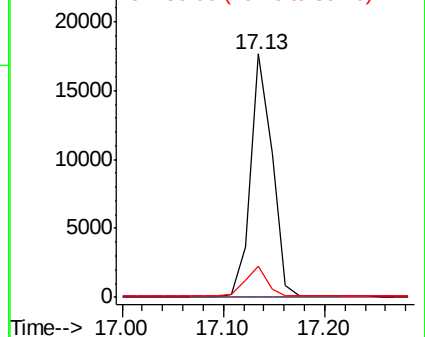
80 12.9 8.2 12.2#



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: 0.087 ng

RT: 16.34 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

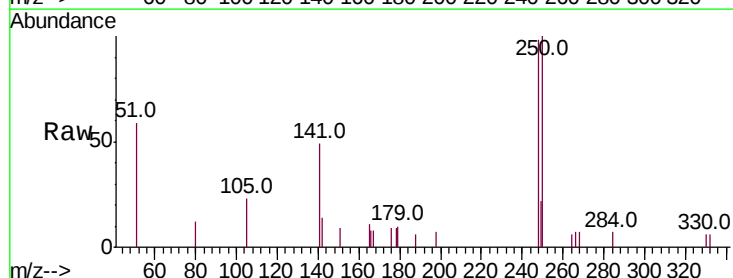
Tgt Ion:248 Resp: 1206

Ion Ratio Lower Upper

248 100

250 102.3 66.3 99.5#

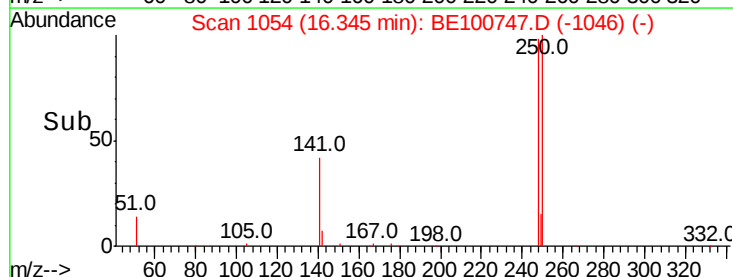
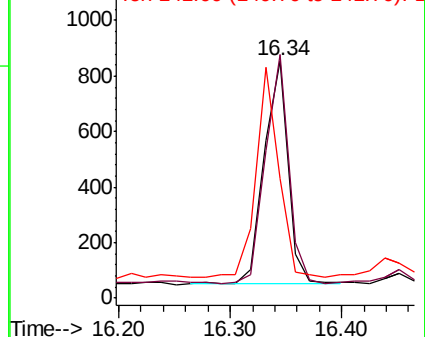
141 50.4 79.6 119.4#

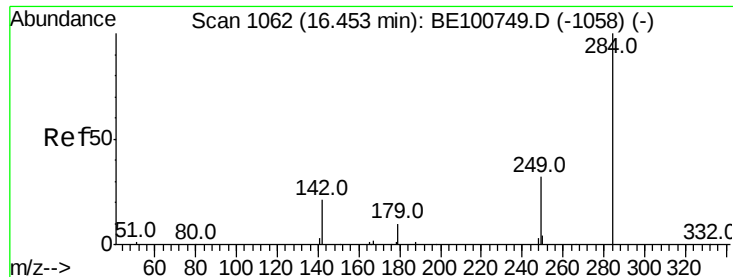


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.096 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

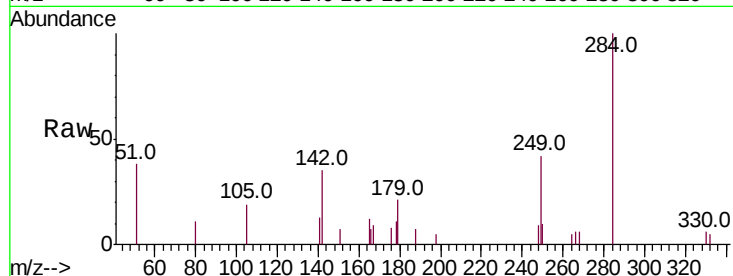
Tot Ion:284 Resp: 1294

Ion Ratio Lower Upper

284 100

142 43.4 34.9 52.3

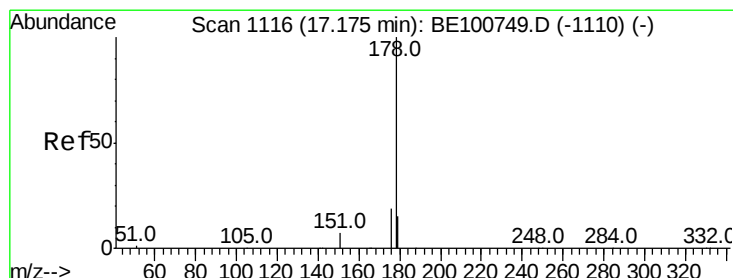
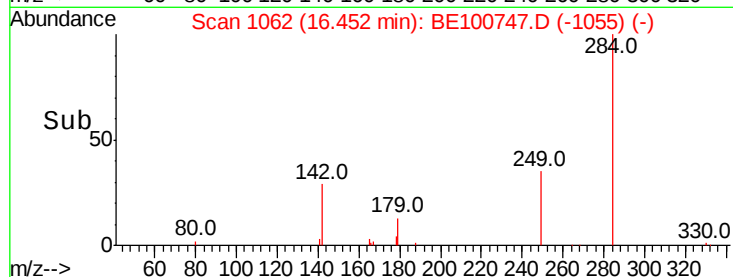
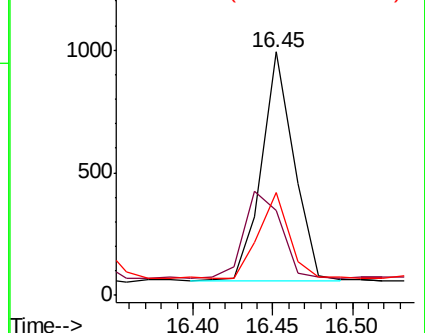
249 35.6 28.7 43.1



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#23

Phenanthrene

Concen: 0.110 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

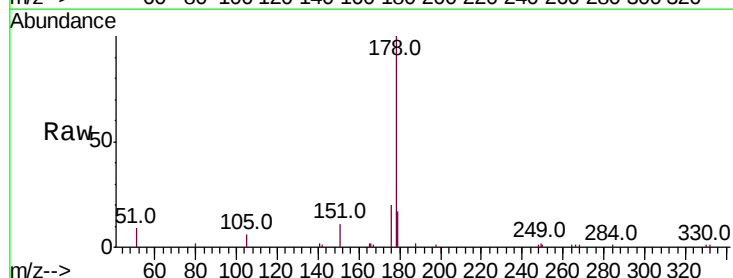
Tgt Ion:178 Resp: 7874

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

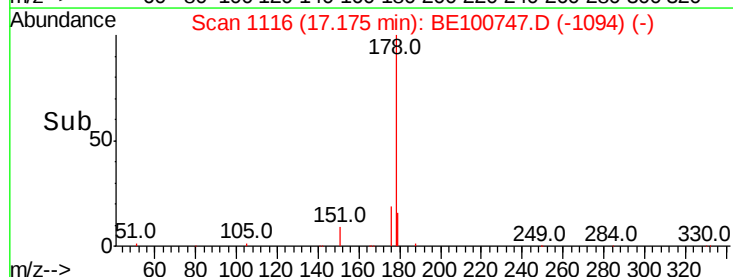
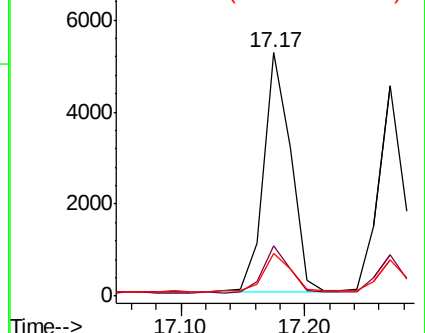
179 16.3 12.5 18.7

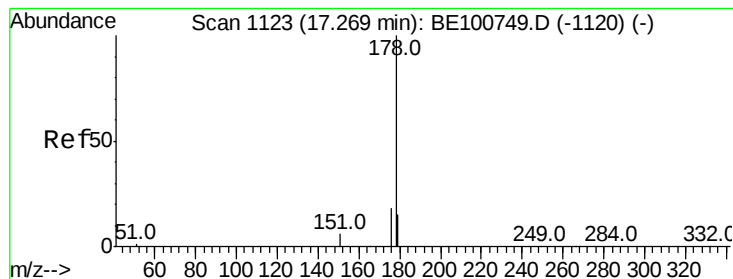


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.099 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

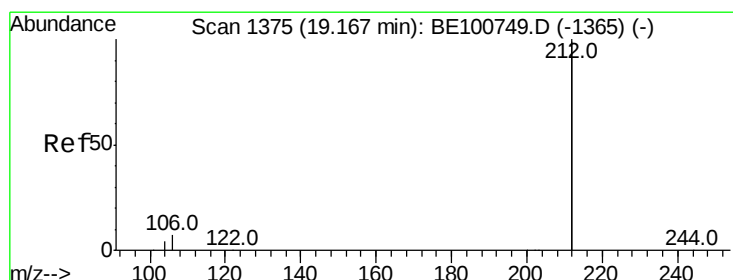
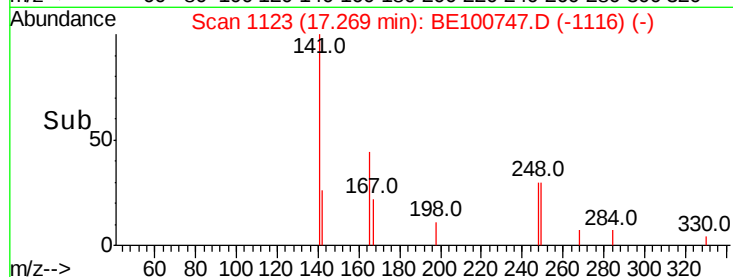
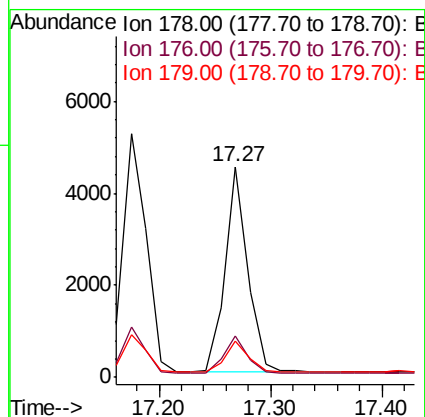
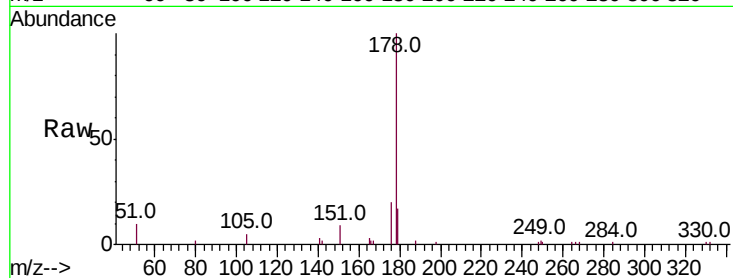
Tot Ion:178 Resp: 6331

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

179 16.0 12.2 18.4



#25

Fluoranthene-d10

Concen: 0.088 ng

RT: 19.17 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

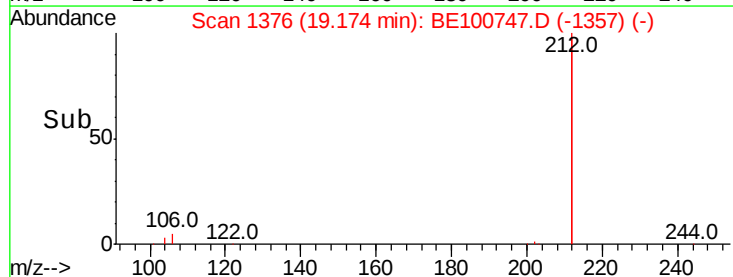
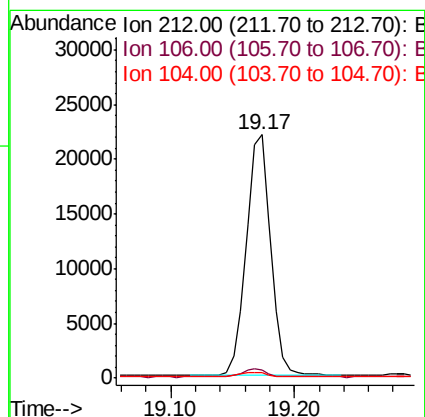
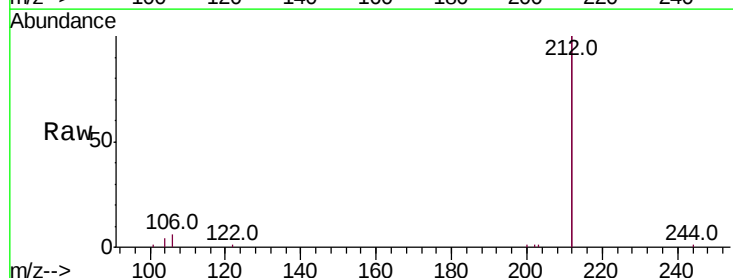
Tgt Ion:212 Resp: 30418

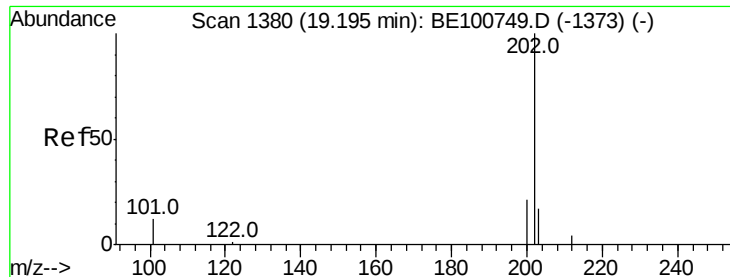
Ion Ratio Lower Upper

212 100

106 3.4 2.6 4.0

104 2.0 1.5 2.3

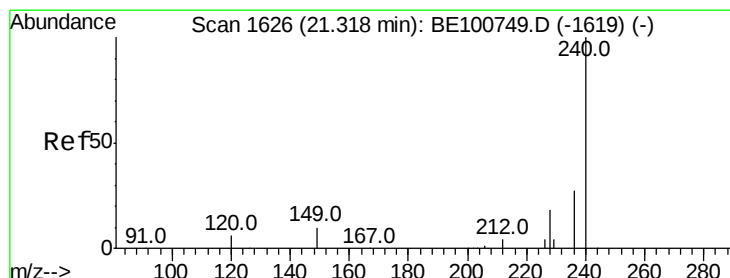
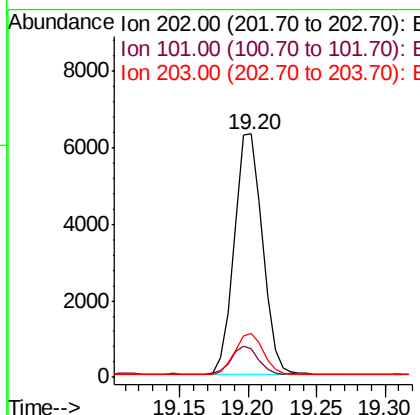
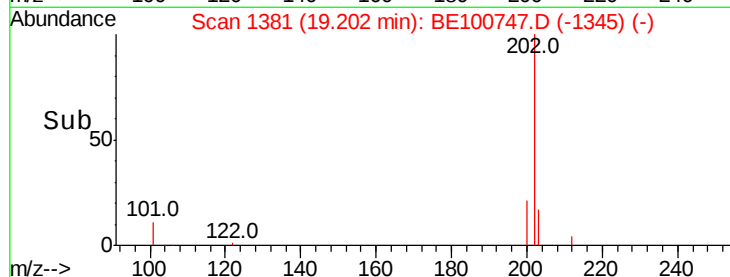
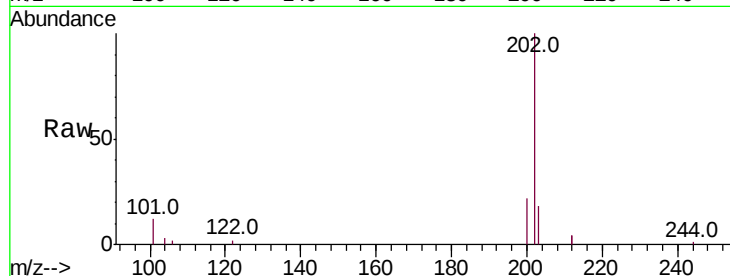




#26
Fluoranthene
Concen: 0.095 ng
RT: 19.20 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

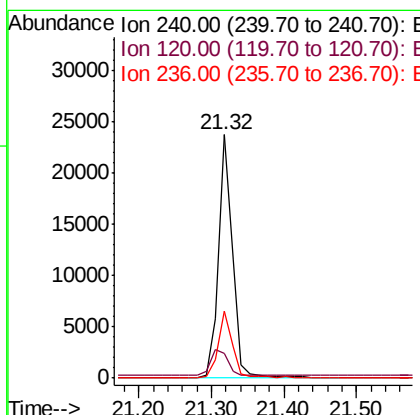
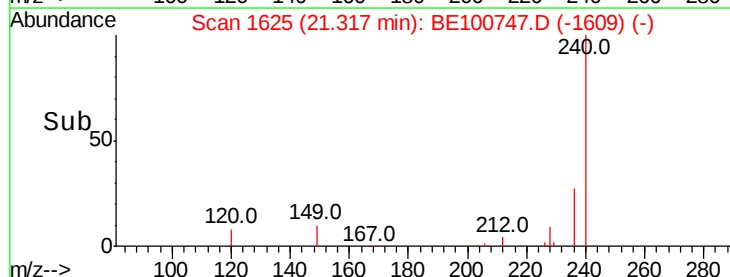
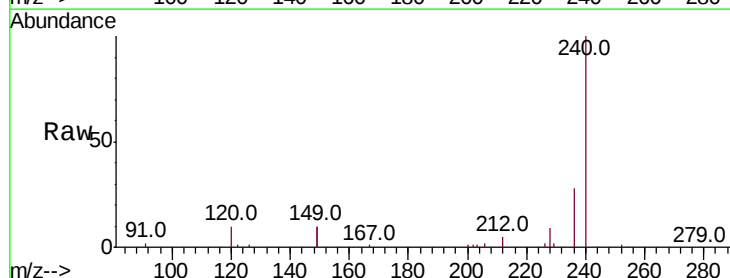
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

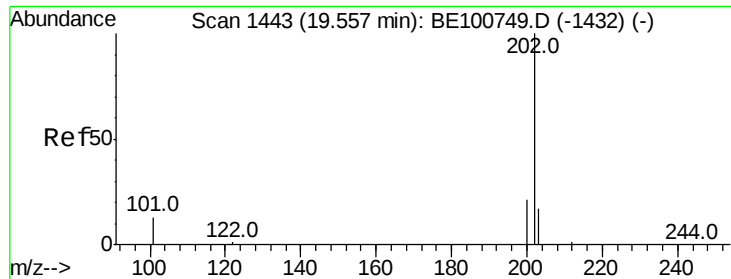
Tot Ion:202 Resp: 9075
Ion Ratio Lower Upper
202 100
101 11.8 9.2 13.8
203 16.9 13.8 20.8



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:240 Resp: 31365
Ion Ratio Lower Upper
240 100
120 10.0 5.8 8.8#
236 27.7 21.9 32.9

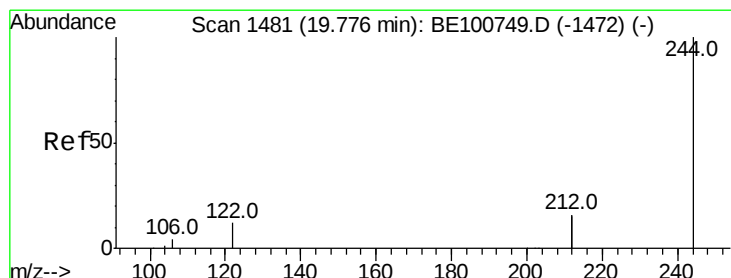
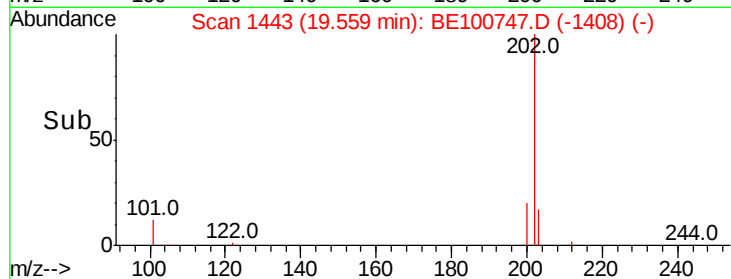
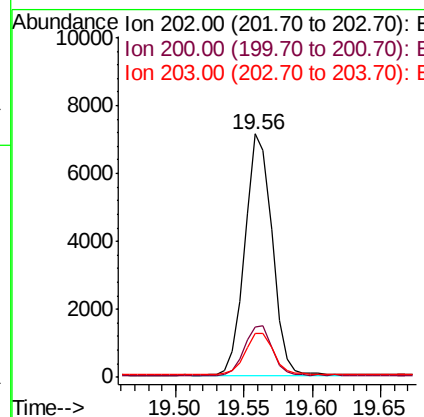
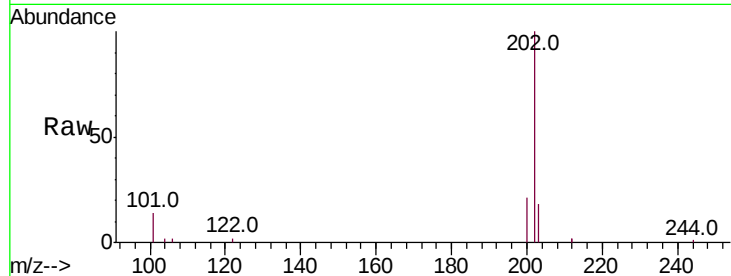




#28
Pvrene
Concen: 0.112 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

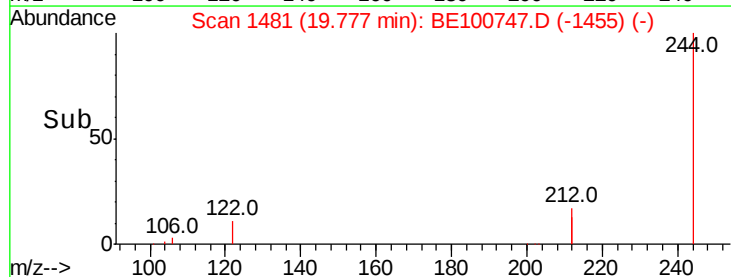
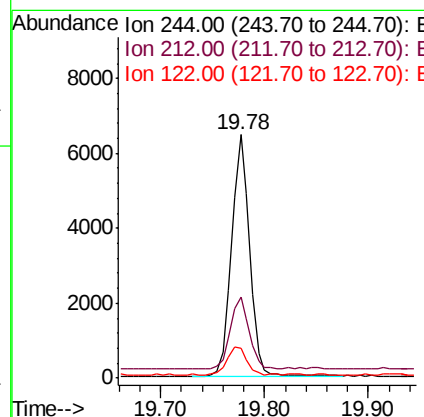
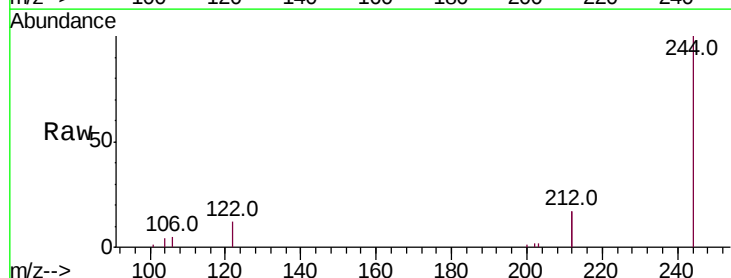
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

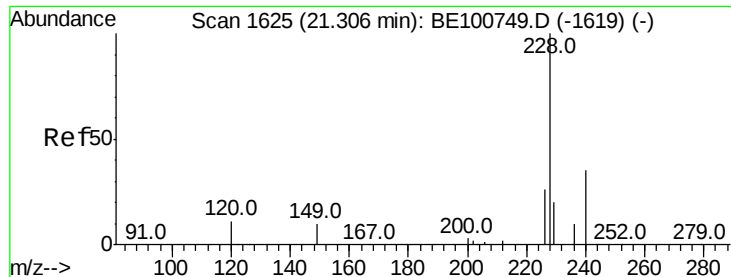
Tot Ion:202 Resp: 9779
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.5 14.0 21.0



#29
Terphenyl-d14
Concen: 0.103 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:244 Resp: 7732
Ion Ratio Lower Upper
244 100
212 33.5 25.2 37.8
122 12.5 9.8 14.6





#30

Benzo(a)anthracene

Concen: 0.107 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

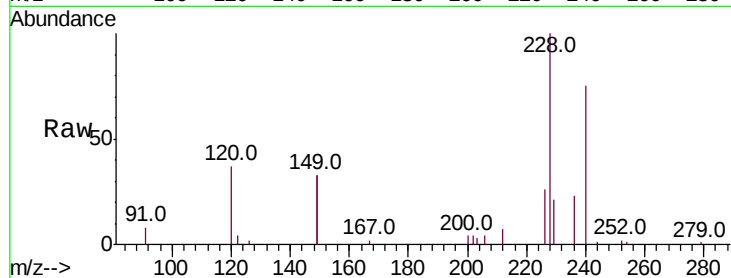
Tot Ion:228 Resp: 10816

Ion Ratio Lower Upper

228 100

226 26.2 20.7 31.1

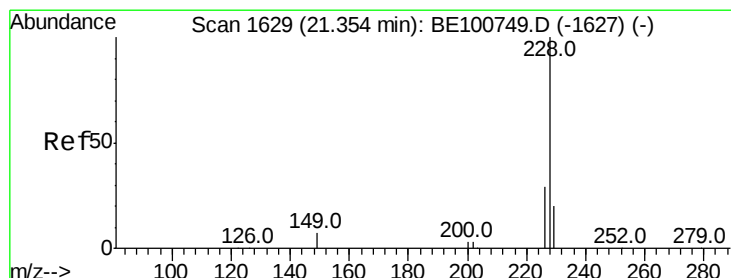
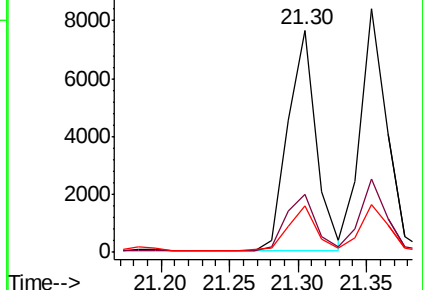
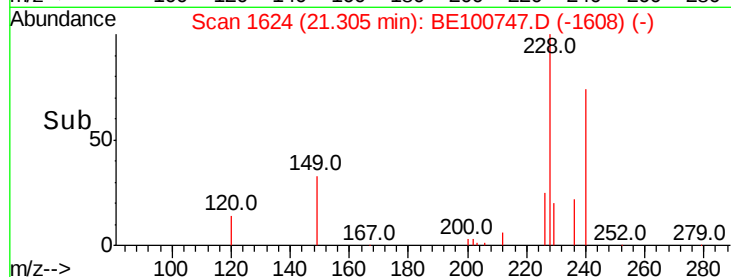
229 20.9 16.2 24.2



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: 0.108 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

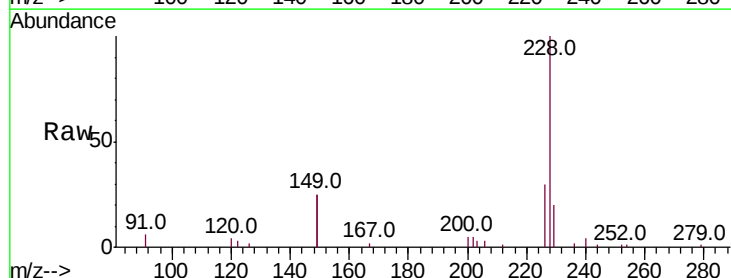
Tgt Ion:228 Resp: 11030

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

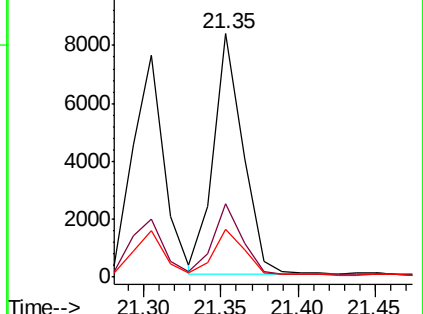
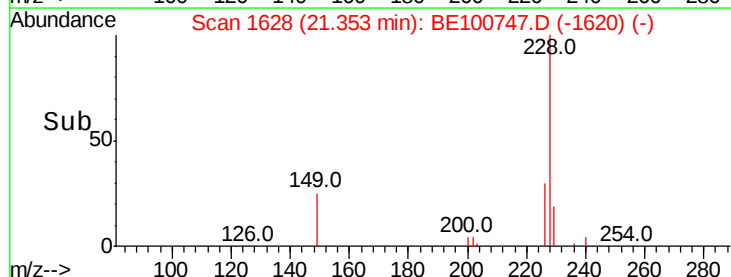
229 19.6 15.9 23.9

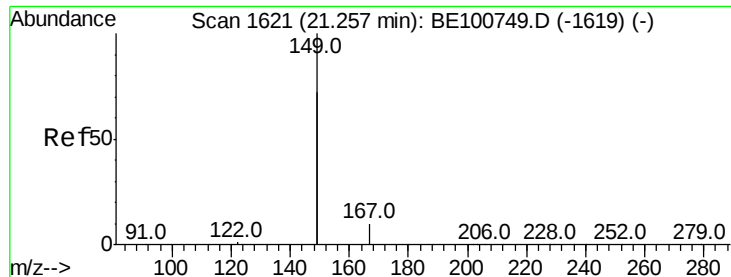


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.228 ng

RT: 21.27 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

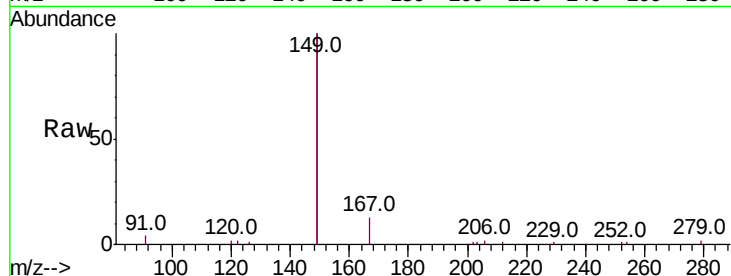
Tot Ion:149 Resp: 40644

Ion Ratio Lower Upper

149 100

167 6.3 5.5 8.3

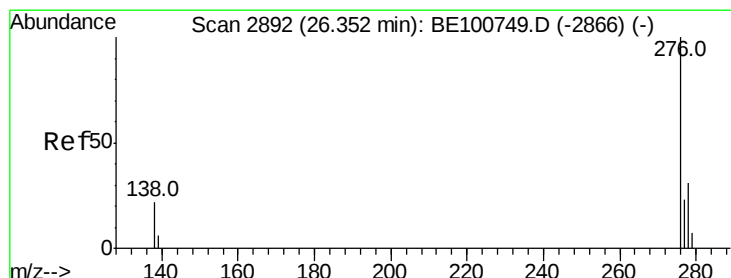
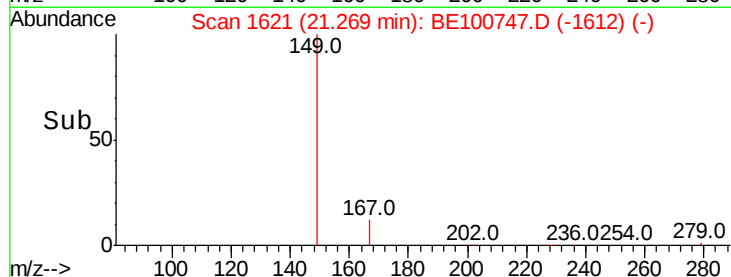
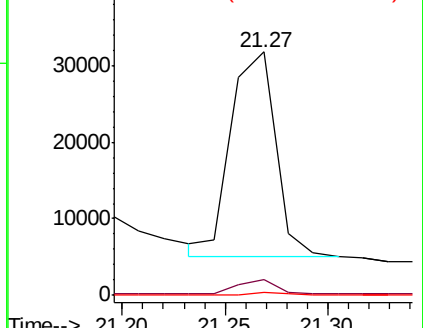
279 0.8 0.7 1.1



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: 0.148 ng

RT: 26.36 min Scan# 2893

Delta R.T. 0.01 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

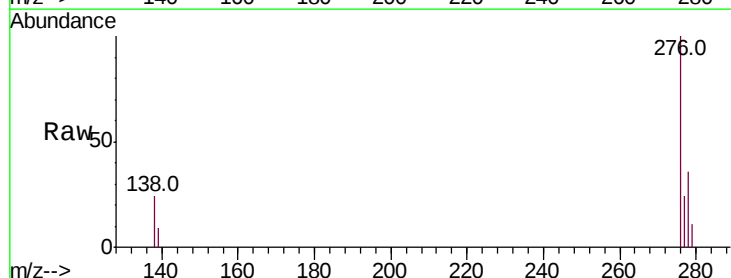
Tgt Ion:276 Resp: 17669

Ion Ratio Lower Upper

276 100

138 24.4 19.8 29.6

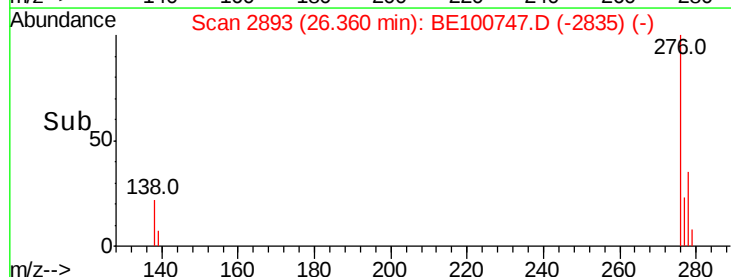
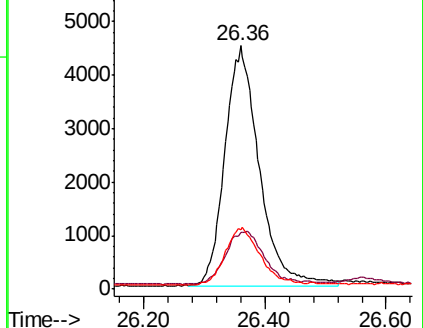
277 24.4 19.7 29.5

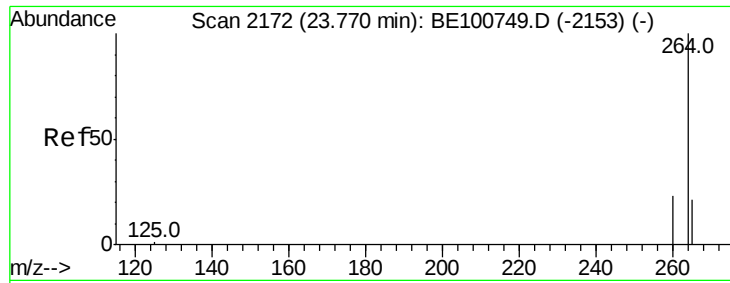


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



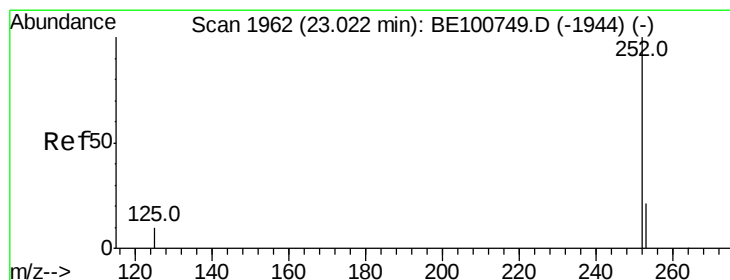
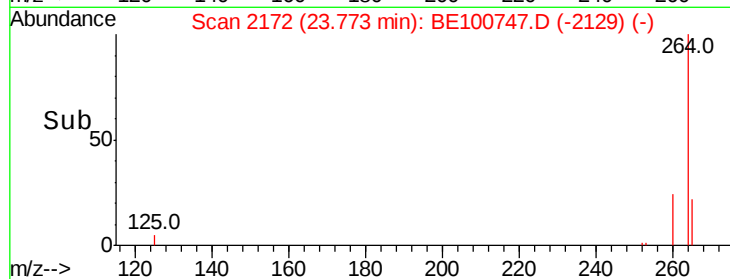
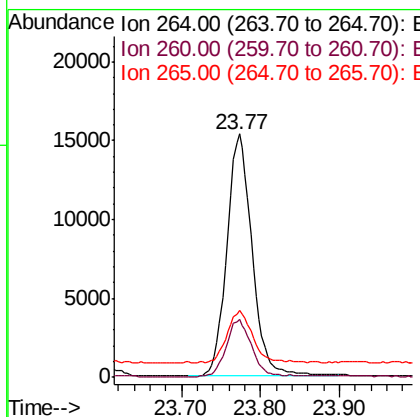
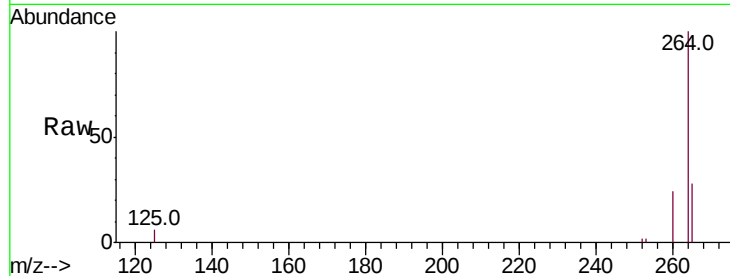


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:264 Resp: 34145

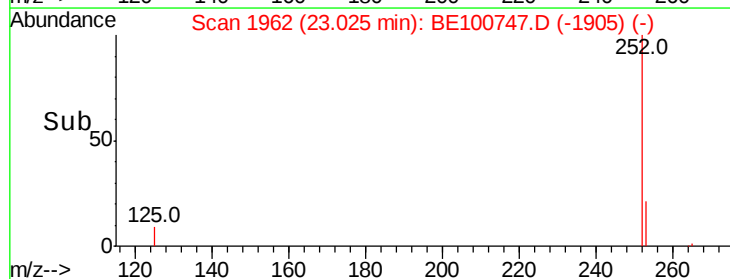
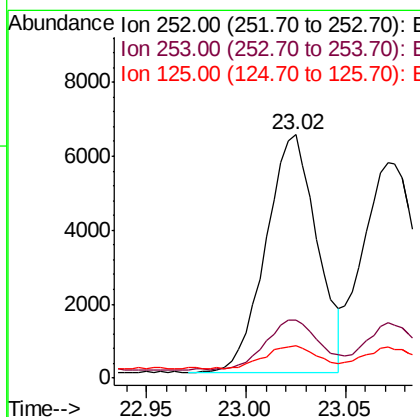
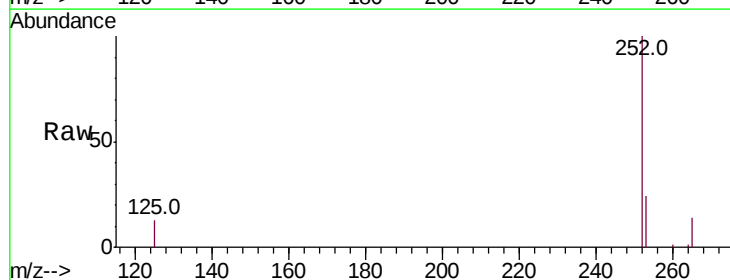
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	27.7	22.4	33.6

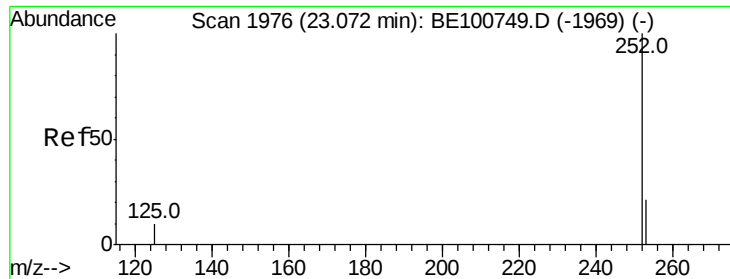


#35
Benzo(b)fluoranthene
Concen: 0.115 ng
RT: 23.02 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:252 Resp: 11465

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.2	9.1	13.7

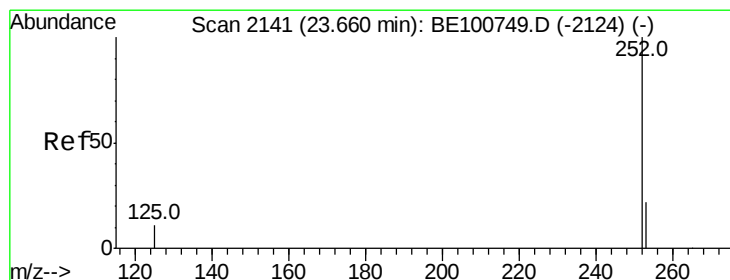
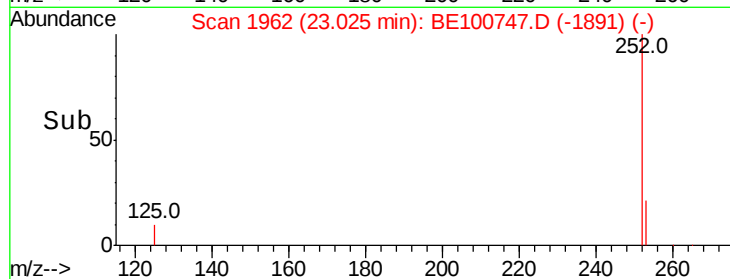
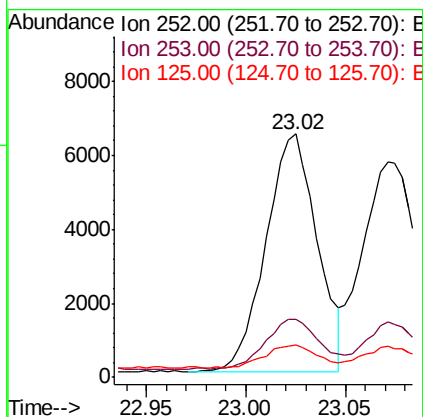
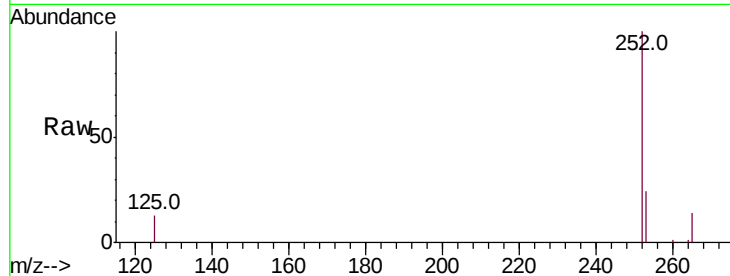




#36
Benzo(k)fluoranthene
Concen: 0.110 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

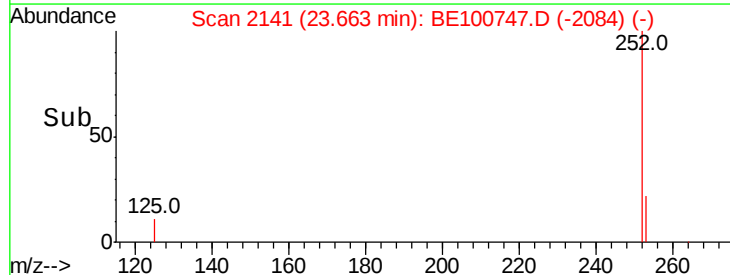
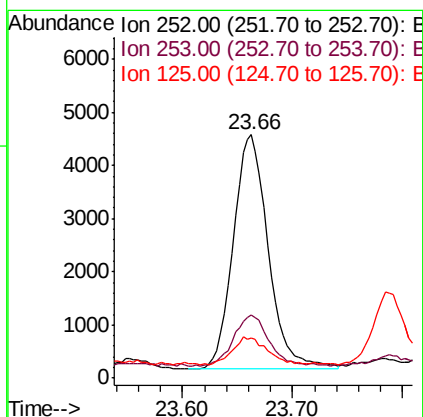
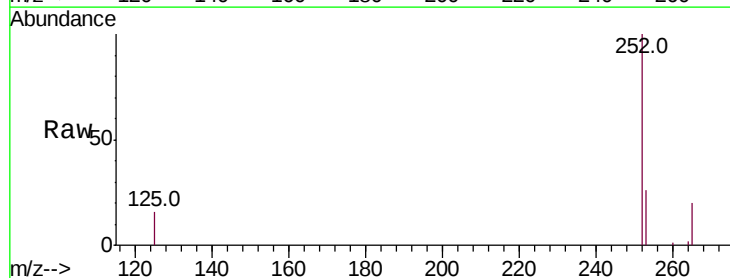
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

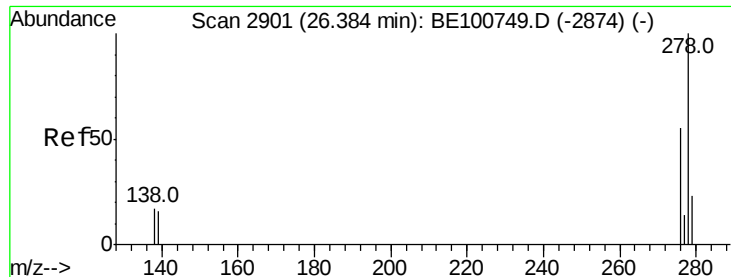
Tot Ion:252 Resp: 11465
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 13.2 9.0 13.4



#37
Benzo(a)pyrene
Concen: 0.105 ng
RT: 23.66 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BE100747.D
Acq: 21 Nov 2019 16:36

Tgt Ion:252 Resp: 9724
Ion Ratio Lower Upper
252 100
253 25.7 18.3 27.5
125 16.4 10.5 15.7#





#38

Dibenzo(a,h)anthracene

Concen: 0.145 ng

RT: 26.38 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

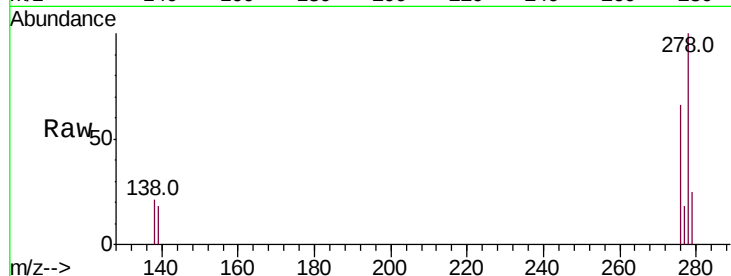
Tot Ion:278 Resp: 14063

Ion Ratio Lower Upper

278 100

139 18.4 13.2 19.8

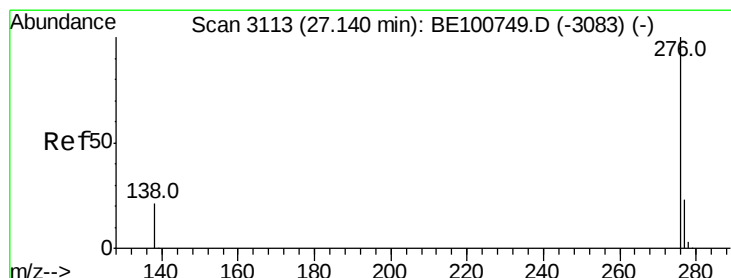
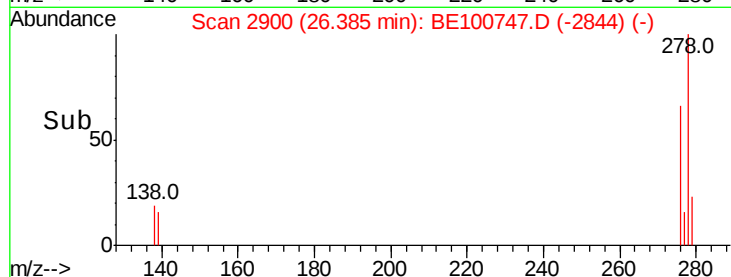
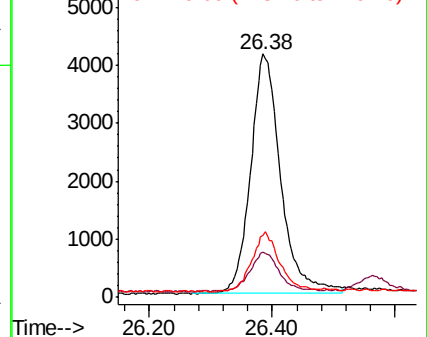
279 25.3 19.4 29.2



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(g,h,i)perylene

Concen: 0.166 ng

RT: 27.14 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BE100747.D

Acq: 21 Nov 2019 16:36

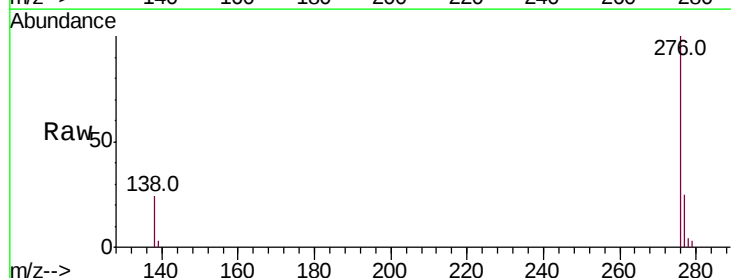
Tgt Ion:276 Resp: 15747

Ion Ratio Lower Upper

276 100

277 25.3 18.9 28.3

138 24.0 17.8 26.8



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

