

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100731.D
 Acq On : 15 Nov 2019 11:18
 Operator : JU
 Sample : PB124646BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BSD

Quant Time: Nov 15 22:30:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 15 15:55:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	2834	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	11794	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	7542	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	17669	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20559	0.40	ng	0.00
34) Perylene-d12	23.73	264	22572	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	1807	0.22	ng	0.00
5) Phenol-d6	6.94	99	1771	0.15	ng	0.00
8) Nitrobenzene-d5	8.91	82	3273	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	6973	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	6	0.02	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	11891	0.43	ng	0.00
25) Fluoranthene-d10	19.15	212	84815	0.36	ng	0.00
29) Terphenyl-d14	19.76	244	20868	0.43	ng	0.00

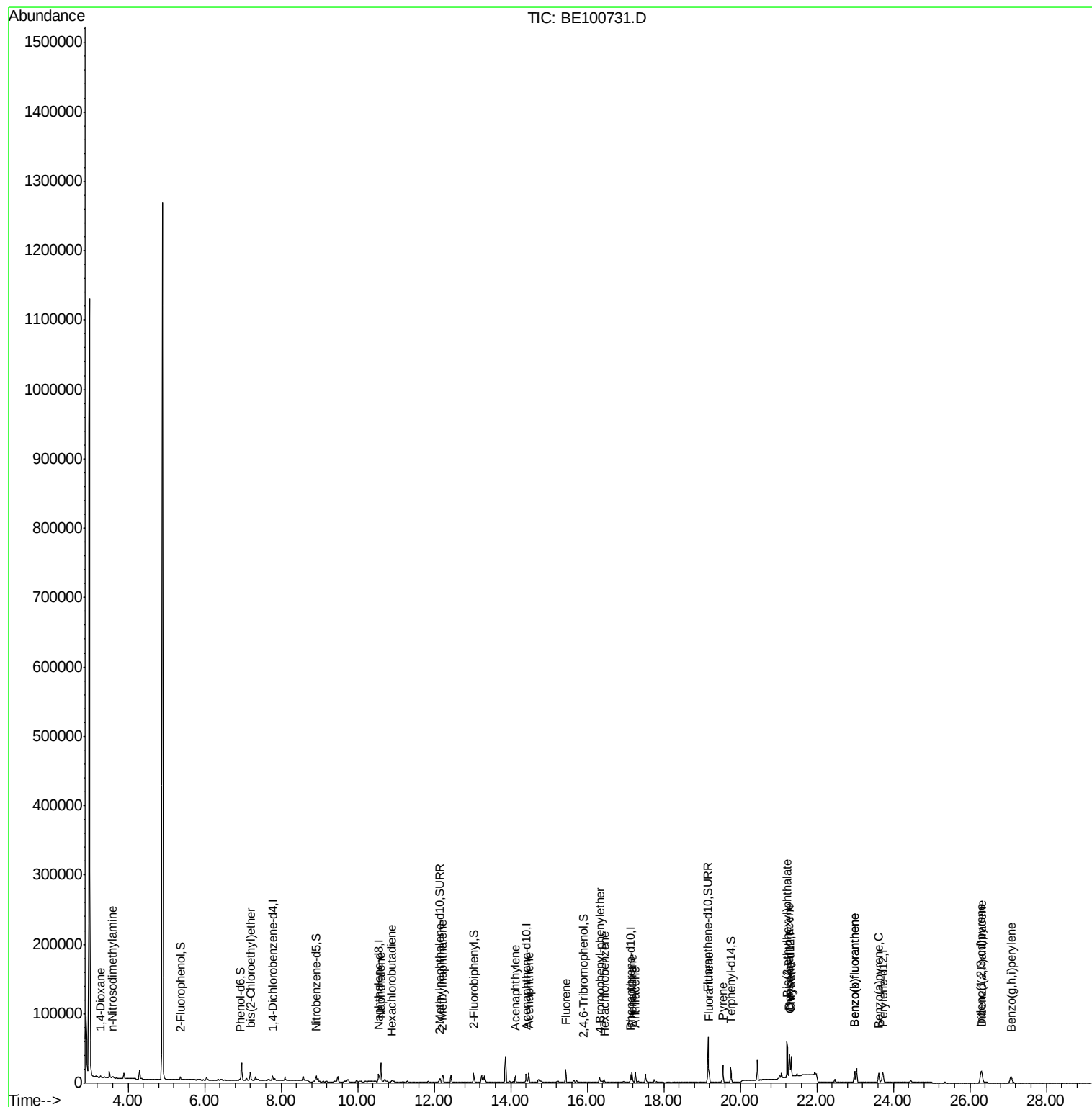
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	1003	0.203	ng	# 26
3) n-Nitrosodimethylamine	3.59	42	1253	0.255	ng	# 84
6) bis(2-Chloroethyl)ether	7.19	93	3648	0.357	ng	94
9) Naphthalene	10.60	128	42718	0.349	ng	100
10) Hexachlorobutadiene	10.90	225	1555	0.275	ng	98
12) 2-Methylnaphthalene	12.22	142	7359	0.353	ng	96
16) Acenaphthylene	14.13	152	11038	0.362	ng	98
17) Acenaphthene	14.47	154	7051	0.352	ng	98
18) Fluorene	15.43	166	9717	0.355	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	4063	0.435	ng	97
21) Hexachlorobenzene	16.45	284	2785	0.307	ng	98
23) Phenanthrene	17.18	178	17573	0.365	ng	99
24) Anthracene	17.26	178	15452	0.359	ng	99
26) Fluoranthene	19.18	202	21963	0.341	ng	98
28) Pyrene	19.55	202	23288	0.407	ng	99
30) Benzo(a)anthracene	21.28	228	23610	0.358	ng	100
31) Chrysene	21.33	228	23379	0.349	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	72333	0.618	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	26169	0.333	ng	100
35) Benzo(b)fluoranthene	22.99	252	23210	0.352	ng	99
36) Benzo(k)fluoranthene	22.99	252	23210	0.336	ng	100
37) Benzo(a)pyrene	23.62	252	21927	0.357	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	21944	0.343	ng	99
39) Benzo(g,h,i)perylene	27.07	276	21828	0.348	ng	99

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

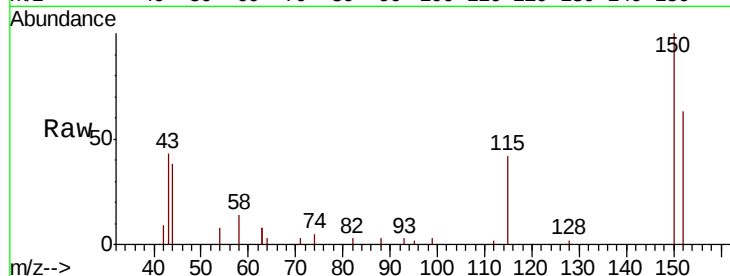
Tot Ion:152 Resp: 2834

Ion Ratio Lower Upper

152 100

150 159.2 123.4 185.0

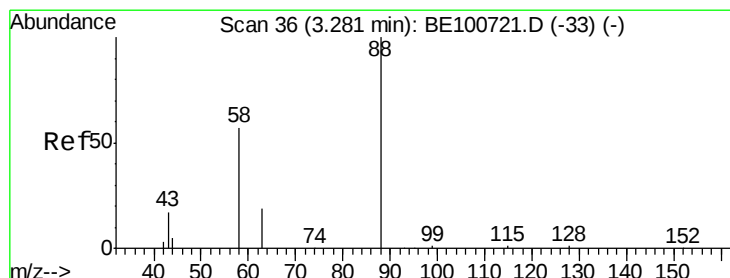
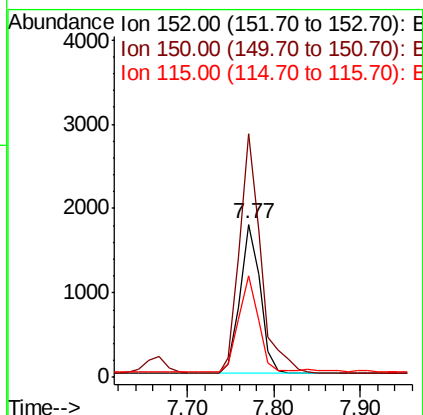
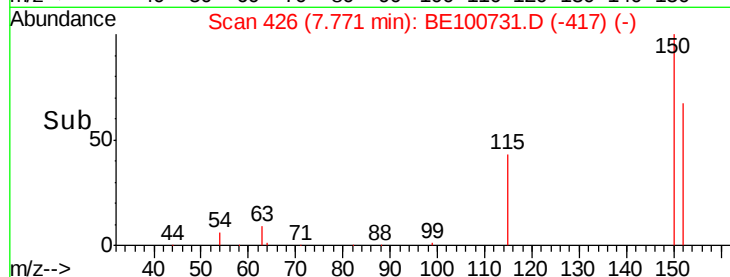
115 66.5 52.1 78.1



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: 0.203 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

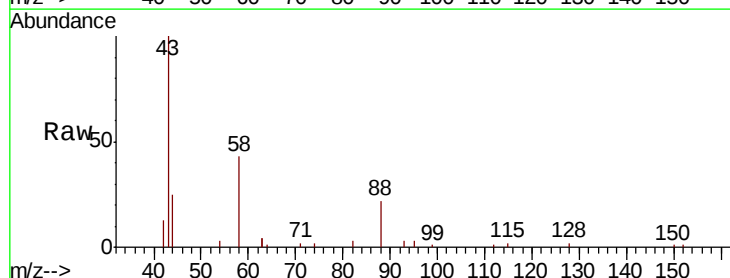
Tgt Ion: 88 Resp: 1003

Ion Ratio Lower Upper

88 100

58 135.7 69.8 104.8#

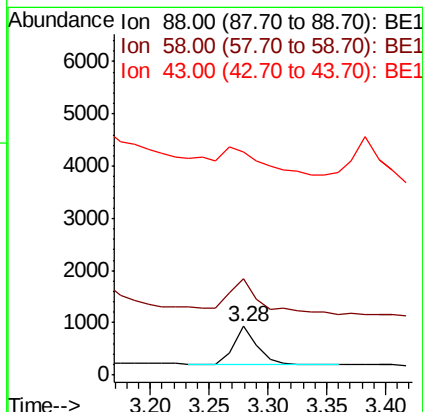
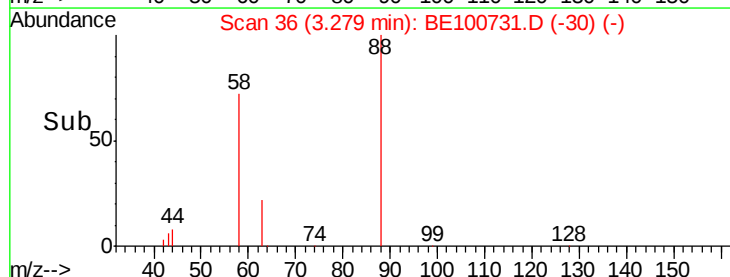
43 107.2 27.0 40.4#

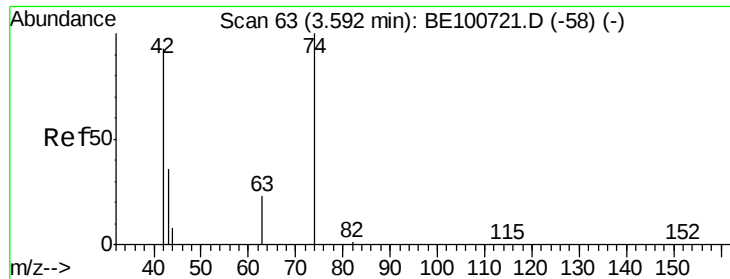


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



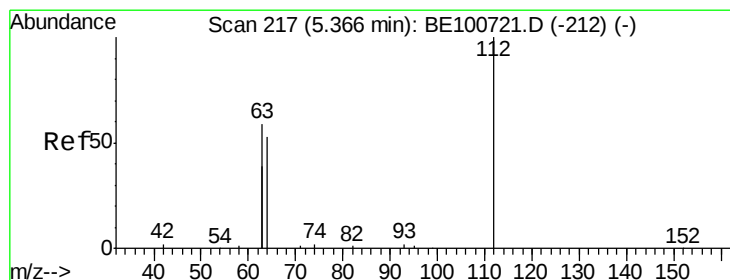
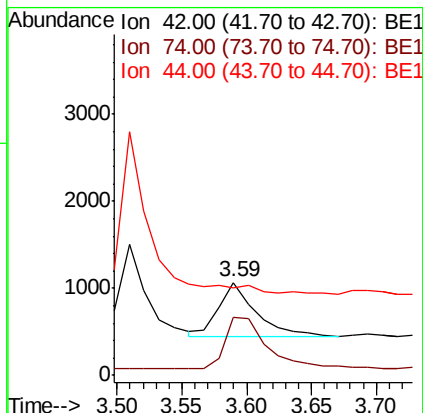
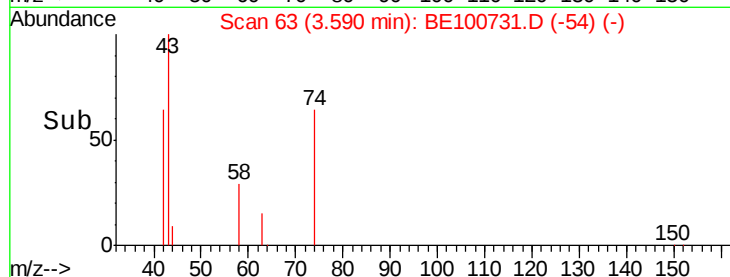
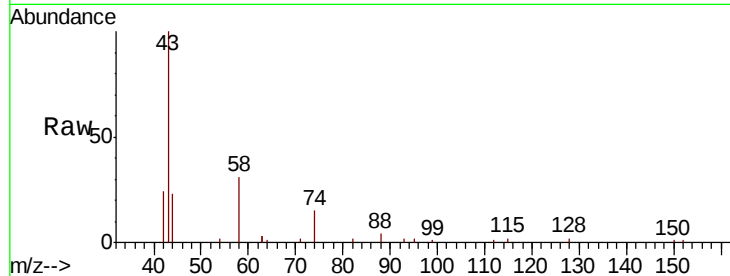


#3

n-Nitrosodimethylamine
 Concen: 0.255 ng
 RT: 3.59 min Scan# 63
 Delta R.T. -0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Instrument :
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 PB124646BSD

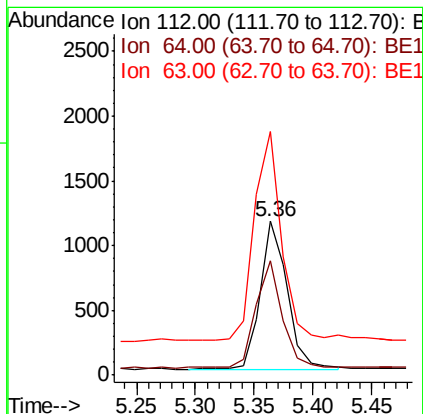
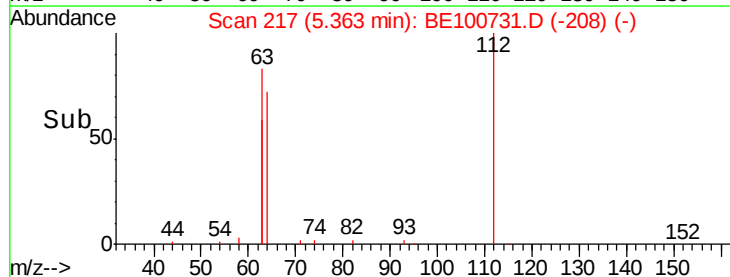
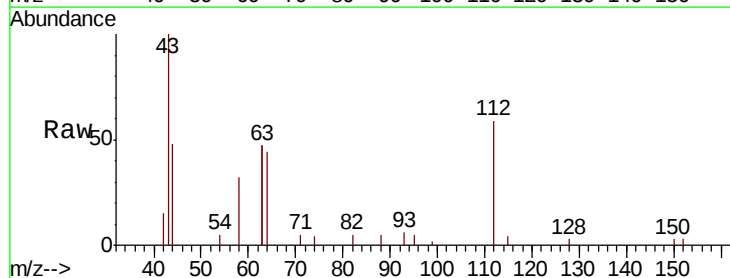
Tot Ion: 42 Resp: 1253
 Ion Ratio Lower Upper
 42 100
 74 108.9 99.7 149.5
 44 0.0 11.8 17.8#

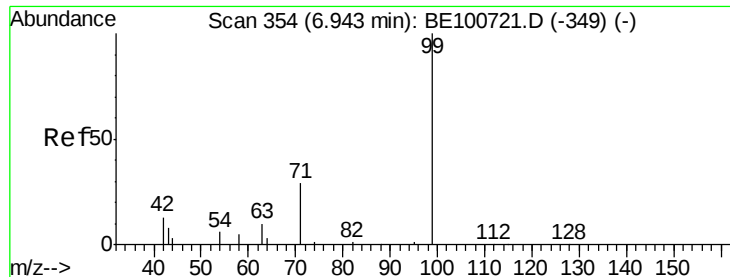


#4

2-Fluorophenol
 Concen: 0.218 ng
 RT: 5.36 min Scan# 217
 Delta R.T. -0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Tgt Ion: 112 Resp: 1807
 Ion Ratio Lower Upper
 112 100
 64 71.1 58.3 87.5
 63 143.1 115.4 173.2





#5

Phenol-d6

Concen: 0.151 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

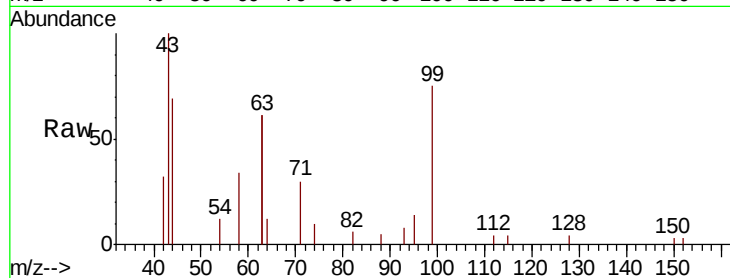
Tot Ion: 99 Resp: 1771

Ion Ratio Lower Upper

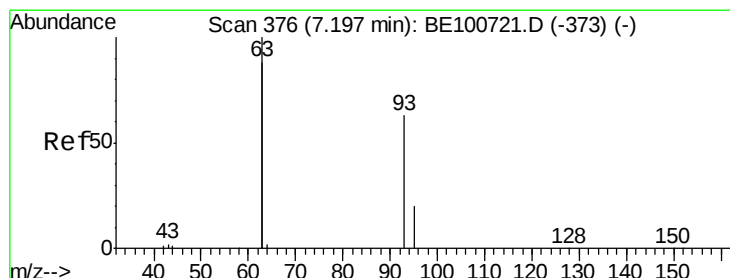
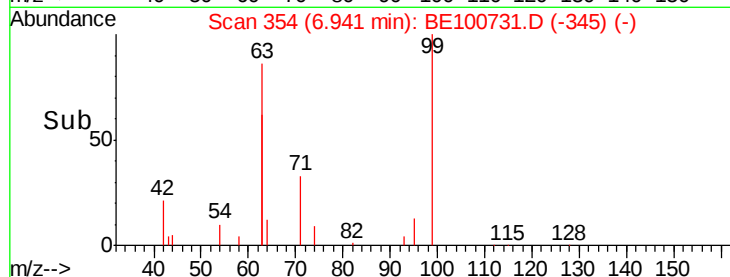
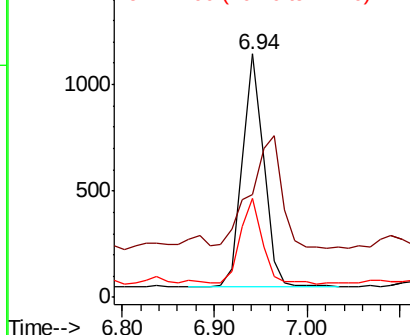
99 100

42 0.0 17.8 26.6#

71 36.9 27.3 40.9



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: 0.357 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

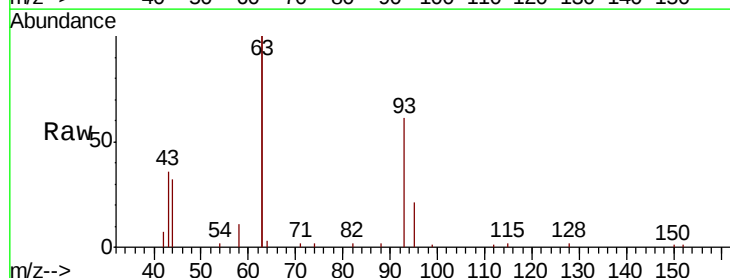
Tgt Ion: 93 Resp: 3648

Ion Ratio Lower Upper

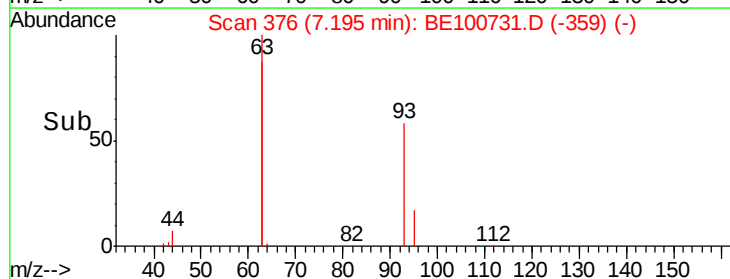
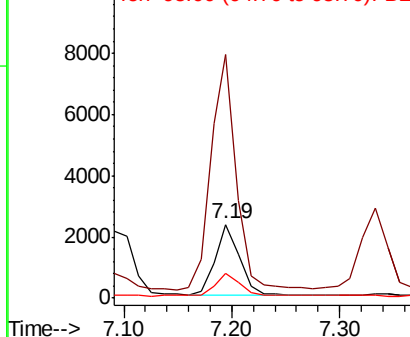
93 100

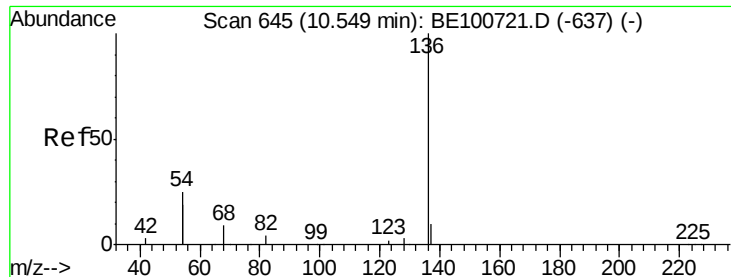
63 339.1 260.7 391.1

95 32.3 24.2 36.2



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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

Tot Ion:136 Resp: 11794

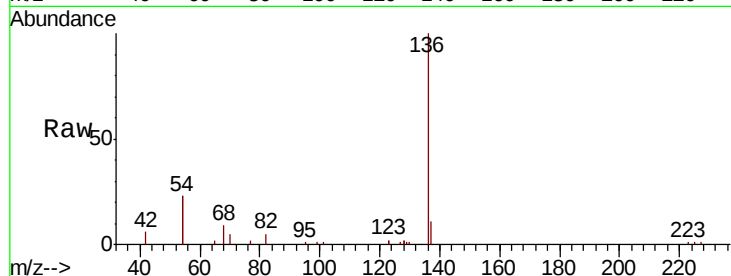
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 46.7 39.0 58.6

68 9.3 7.8 11.8

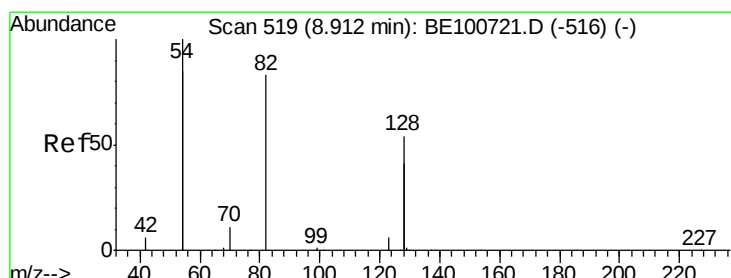
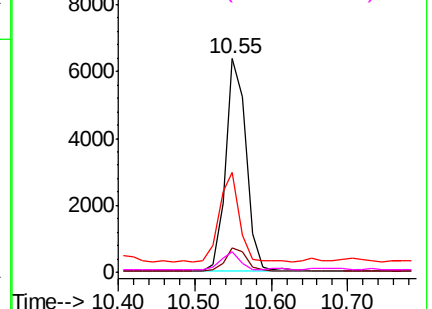
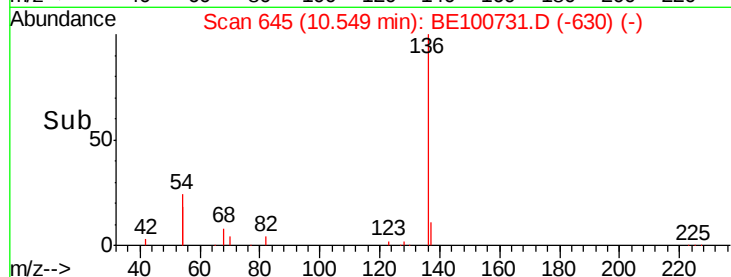


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.327 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

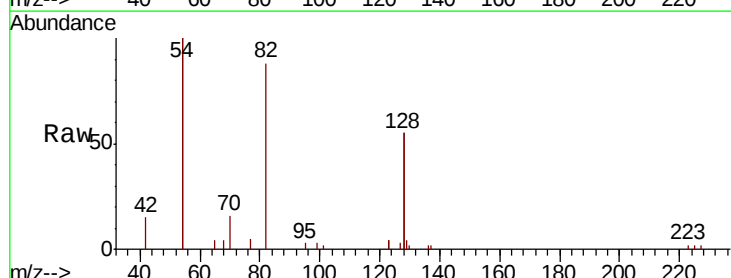
Tgt Ion: 82 Resp: 3273

Ion Ratio Lower Upper

82 100

128 124.3 99.6 149.4

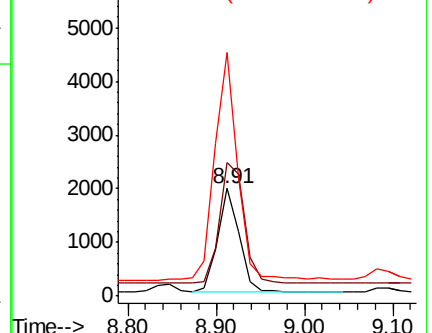
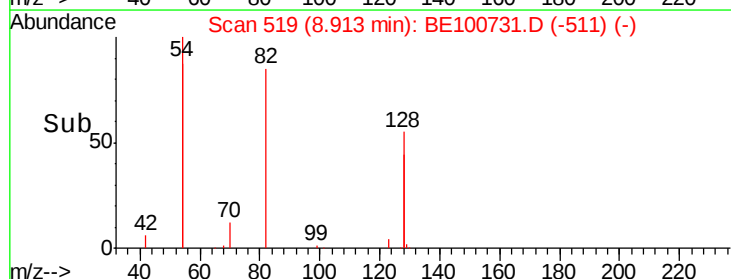
54 226.7 183.8 275.8

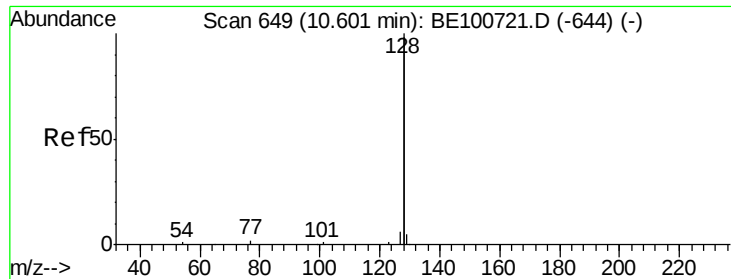


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

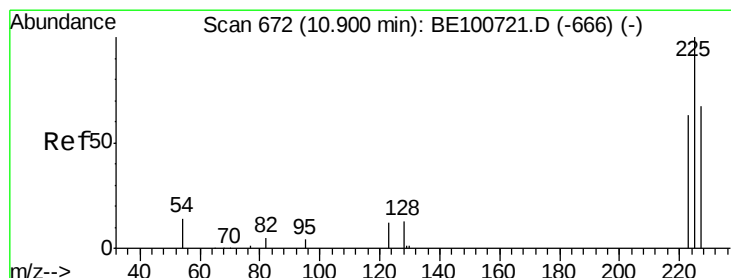
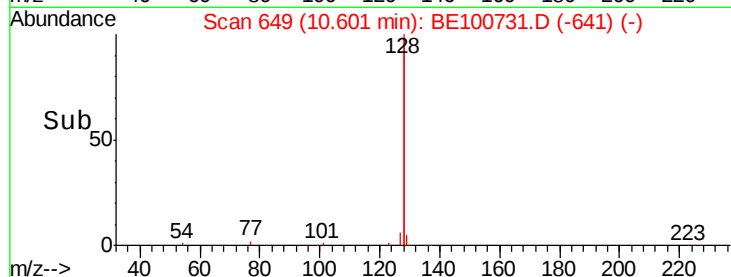
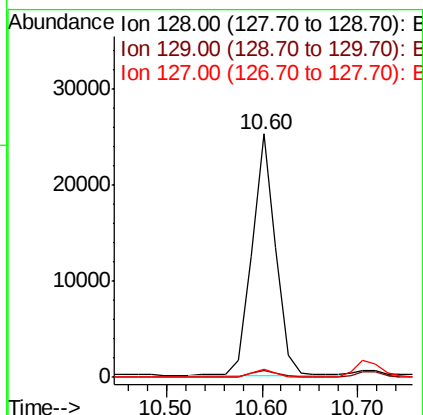
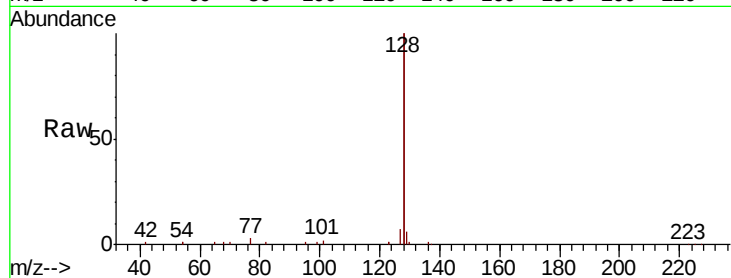




#9
Naphthalene
Concen: 0.349 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

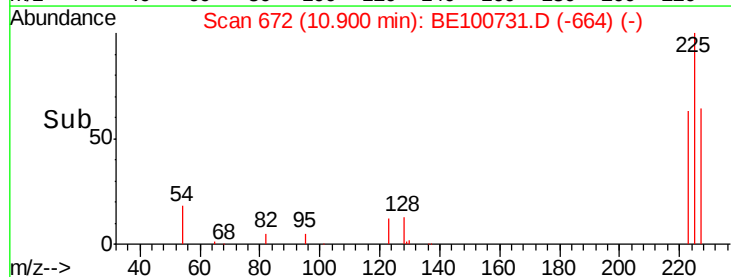
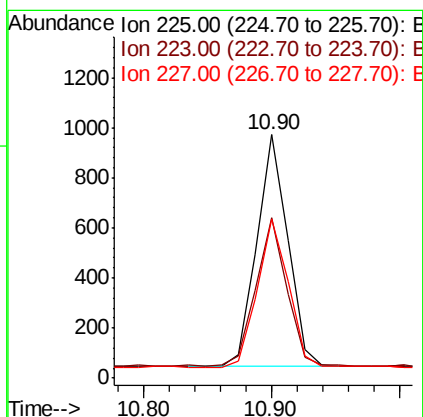
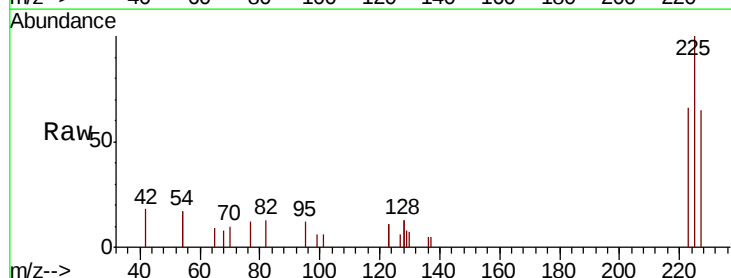
Instrument :
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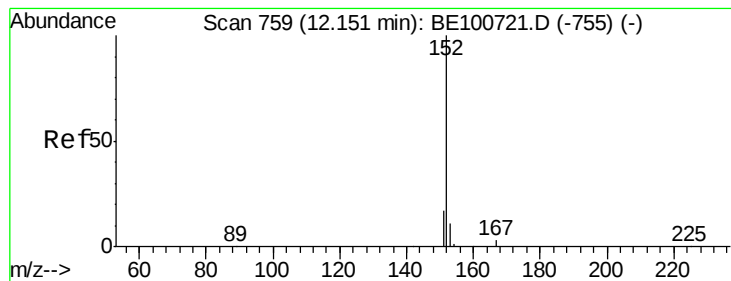
Tot Ion:128 Resp: 42718
Ion Ratio Lower Upper
128 100
129 2.9 2.4 3.6
127 3.4 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.275 ng
RT: 10.90 min Scan# 672
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:225 Resp: 1555
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 63.9 53.0 79.6





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

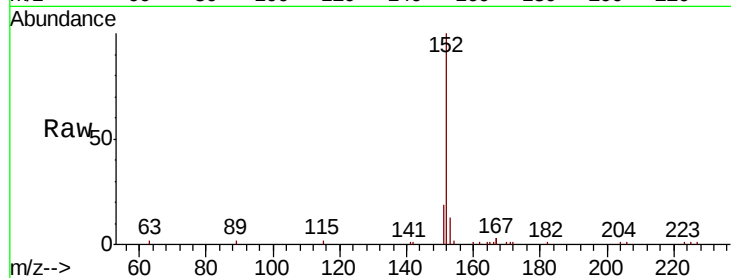
PB124646BSD

Tot Ion:152 Resp: 6973

Ion Ratio Lower Upper

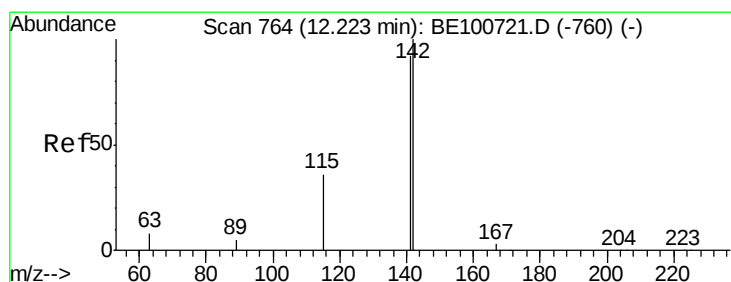
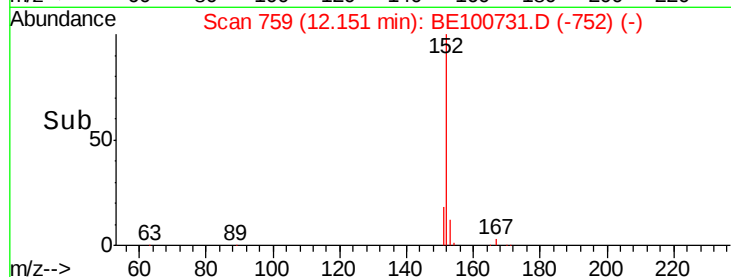
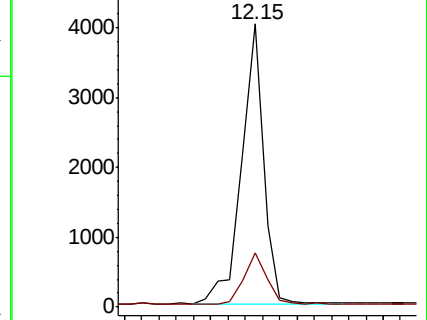
152 100

151 18.3 14.2 21.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.353 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

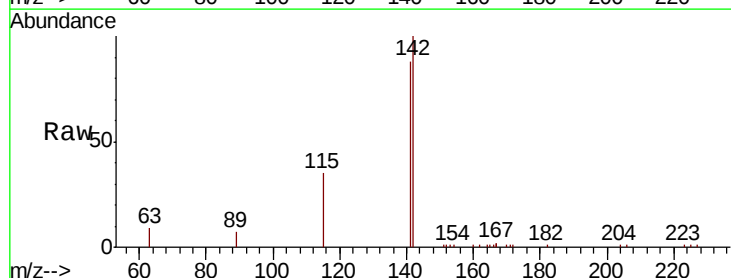
Tgt Ion:142 Resp: 7359

Ion Ratio Lower Upper

142 100

141 88.0 73.3 109.9

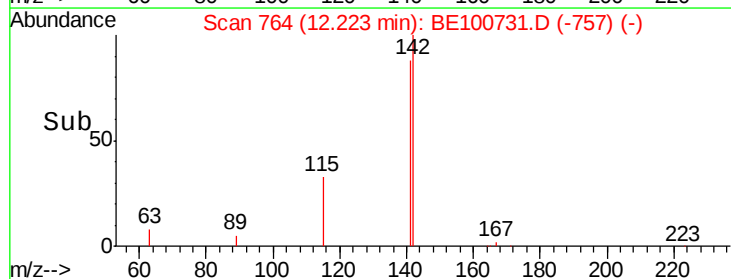
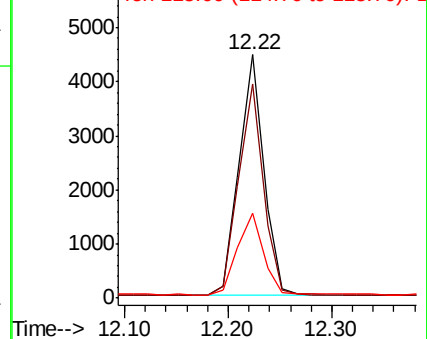
115 34.7 29.9 44.9

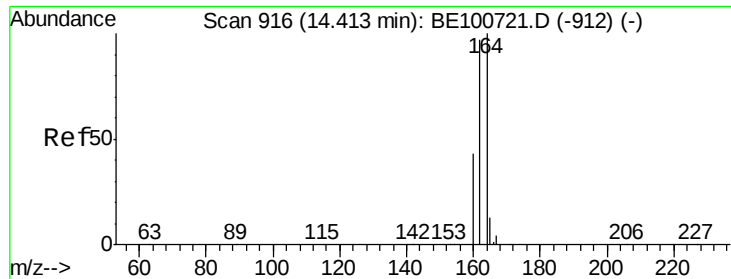


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.01 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

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ClientSampleId :

PB124646BSD

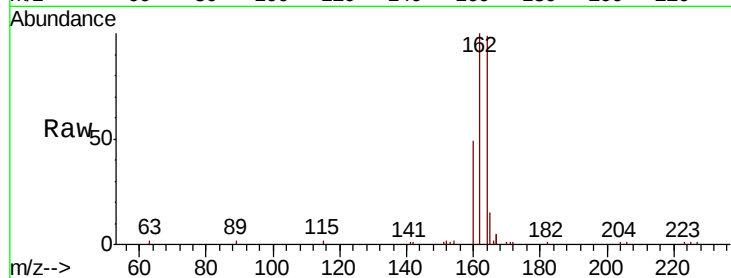
Tot Ion:164 Resp: 7542

Ion Ratio Lower Upper

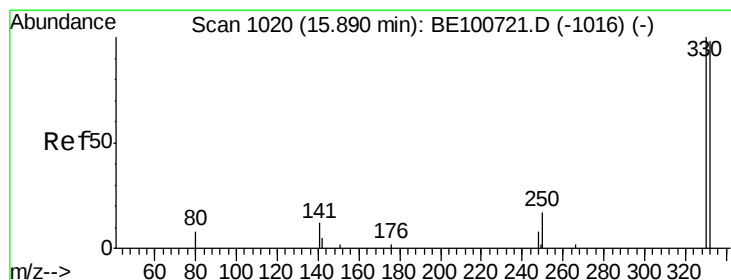
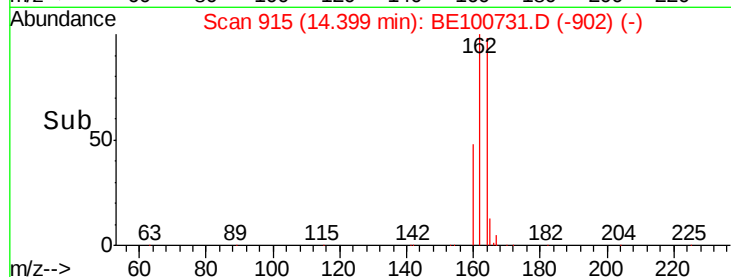
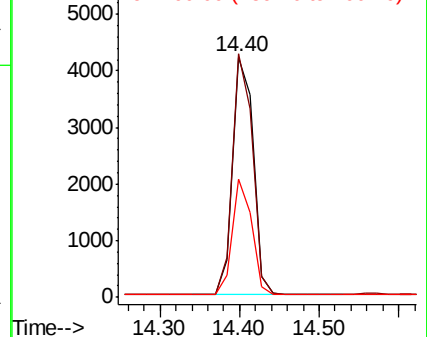
164 100

162 101.4 77.8 116.8

160 49.2 35.3 52.9



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: 0.021 ng

RT: 15.89 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

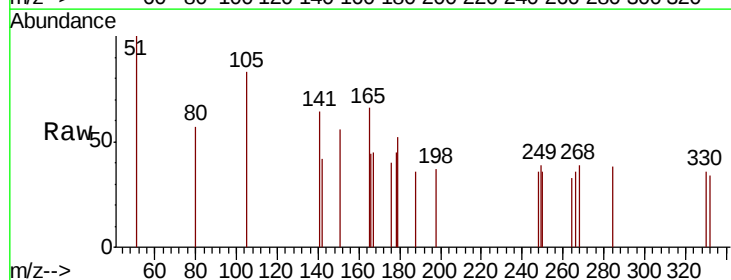
Tgt Ion:330 Resp: 6

Ion Ratio Lower Upper

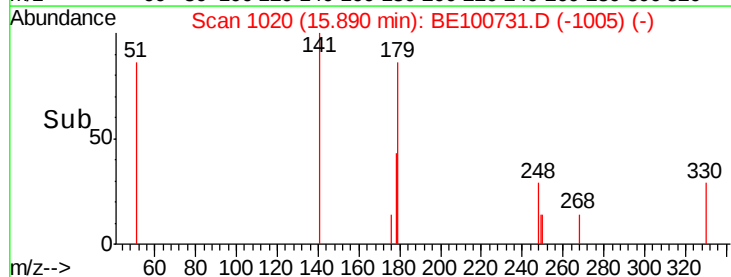
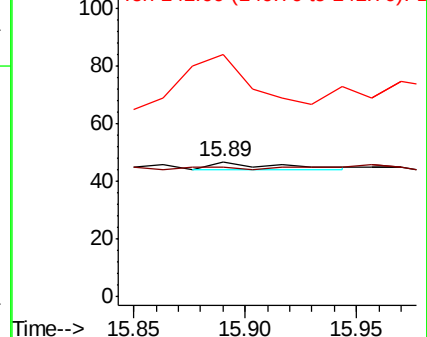
330 100

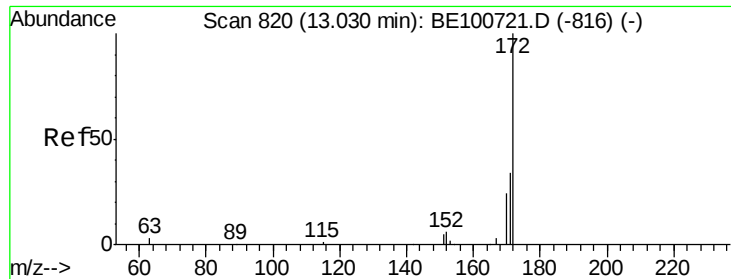
332 0.0 85.0 127.6#

141 683.3 28.2 42.2#



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

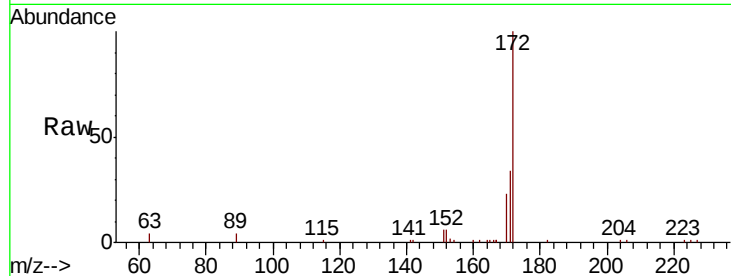




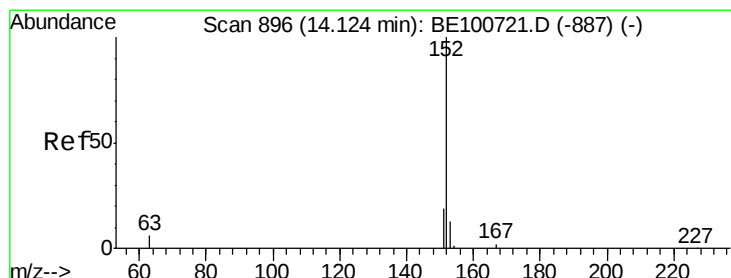
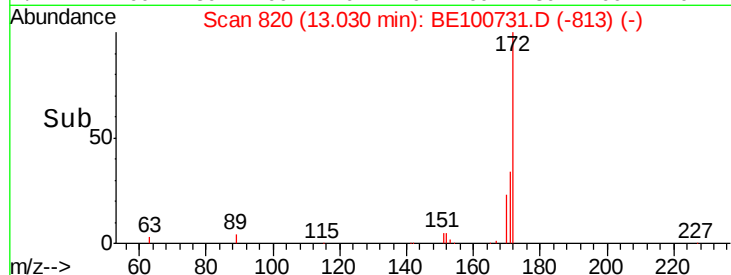
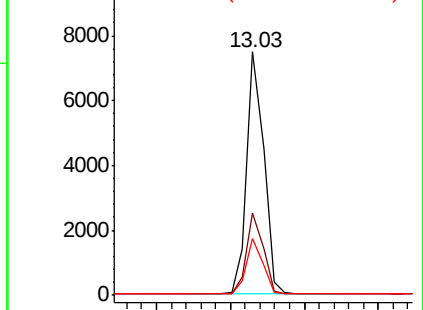
#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion:172 Resp: 11891
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.4 19.8 29.6

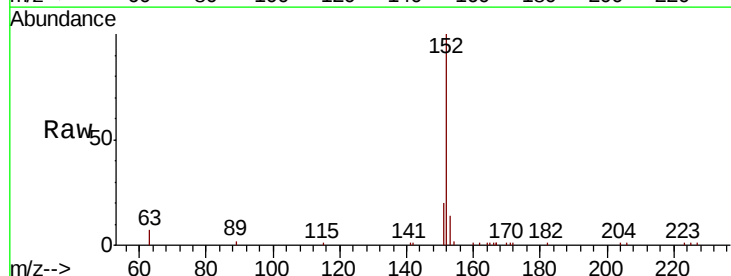


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

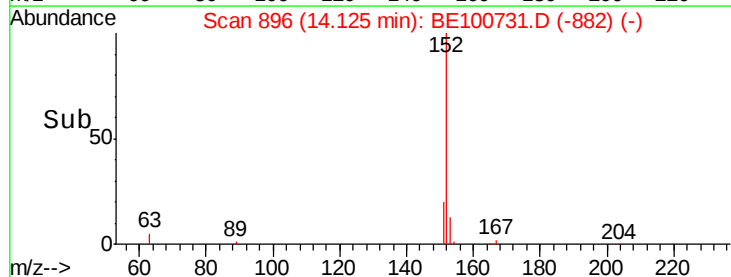
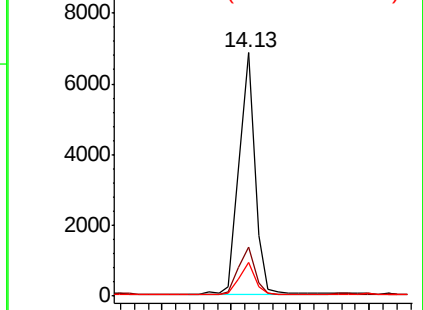


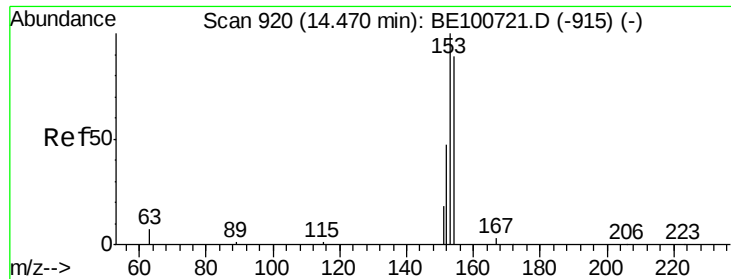
#16
Acenaphthylene
Concen: 0.362 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:152 Resp: 11038
Ion Ratio Lower Upper
152 100
151 19.9 14.9 22.3
153 12.8 10.7 16.1



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

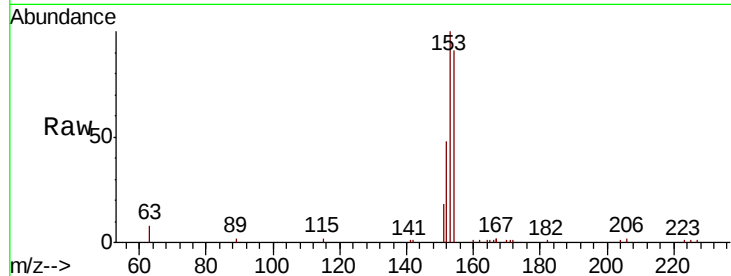




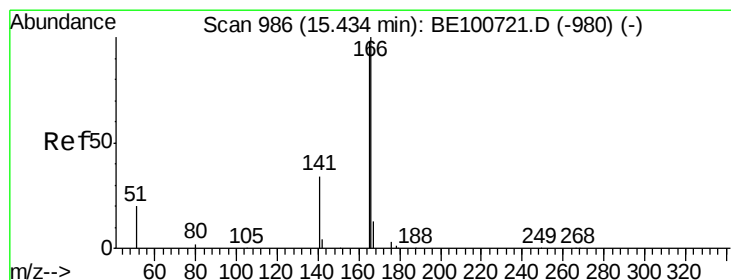
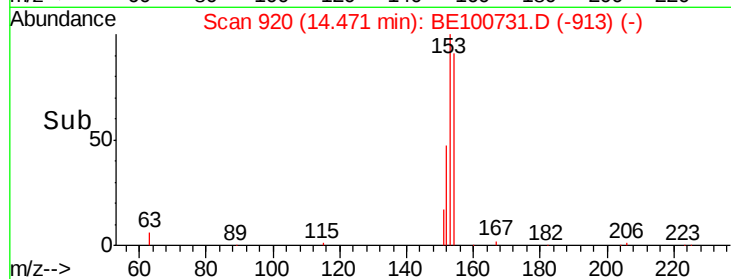
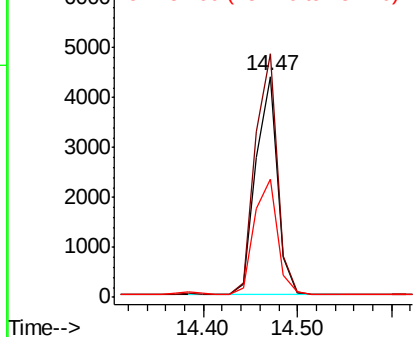
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion:154 Resp: 7051
Ion Ratio Lower Upper
154 100
153 112.7 91.9 137.9
152 56.4 44.8 67.2

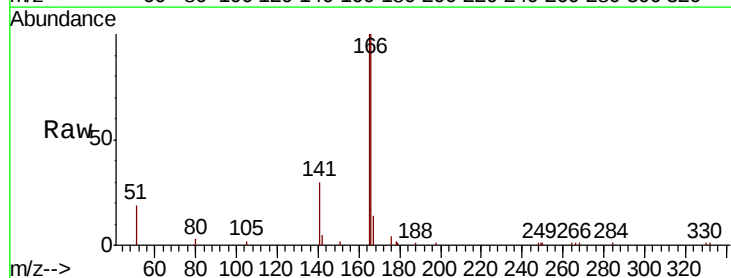


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

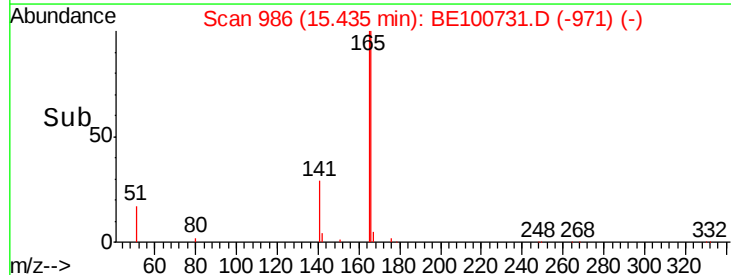
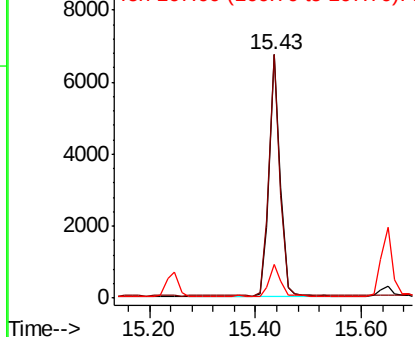


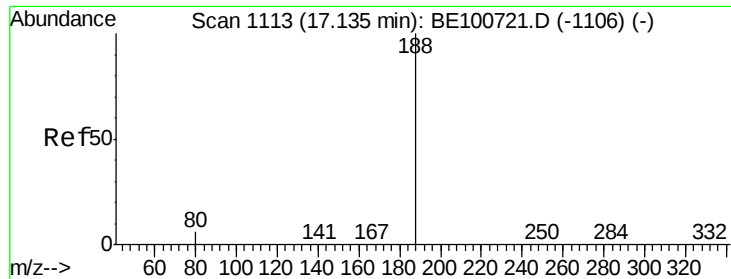
#18
Fluorene
Concen: 0.355 ng
RT: 15.43 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:166 Resp: 9717
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.4
167 13.3 10.6 16.0



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: 17.13 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

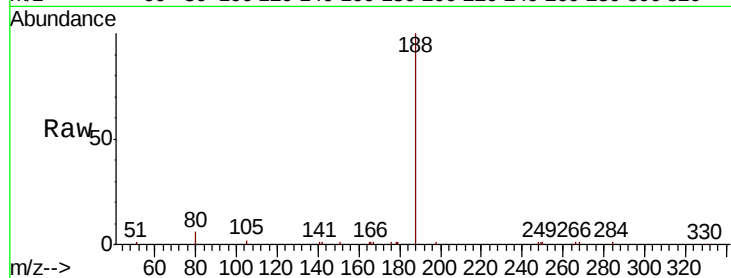
Tot Ion:188 Resp: 17669

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

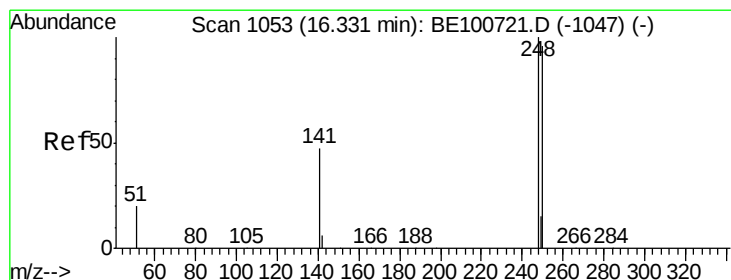
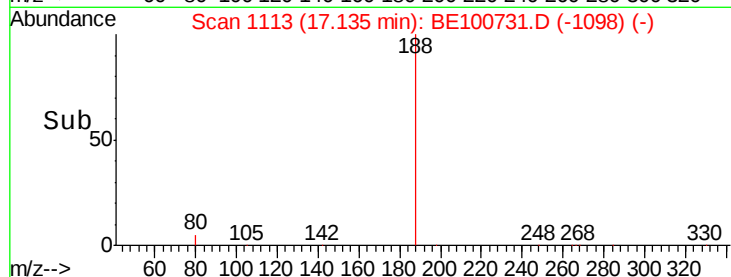
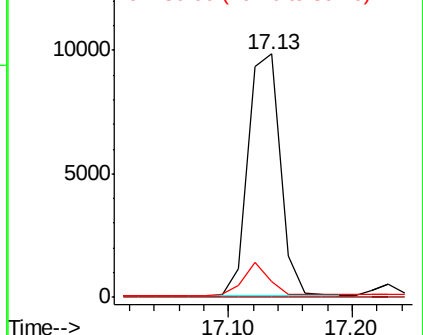
80 6.4 5.4 8.0



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: 0.435 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

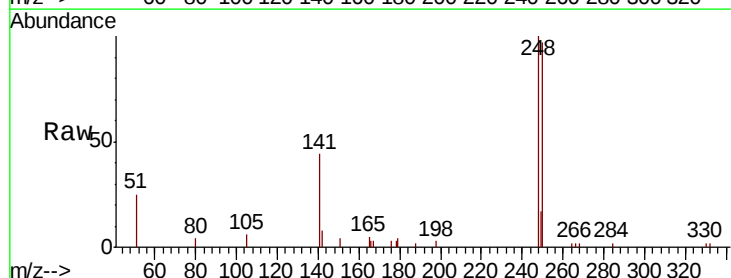
Tgt Ion:248 Resp: 4063

Ion Ratio Lower Upper

248 100

250 97.4 77.1 115.7

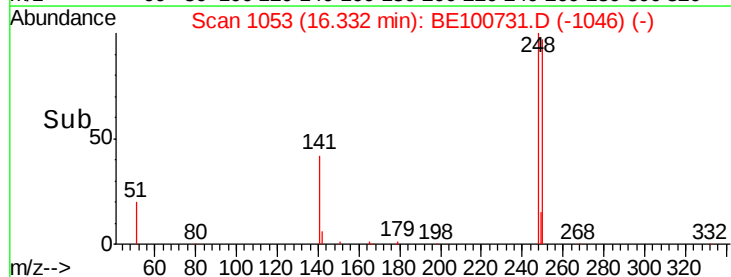
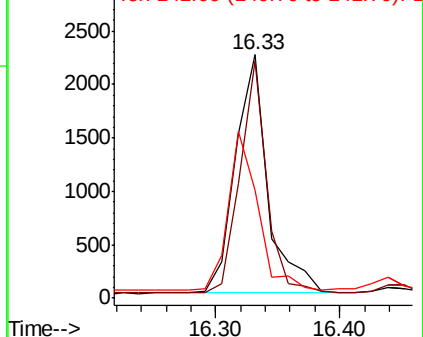
141 44.3 38.6 58.0

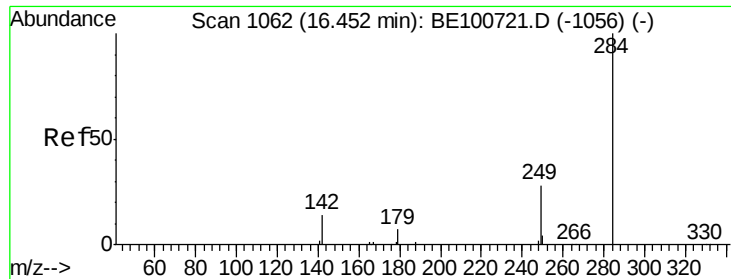


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

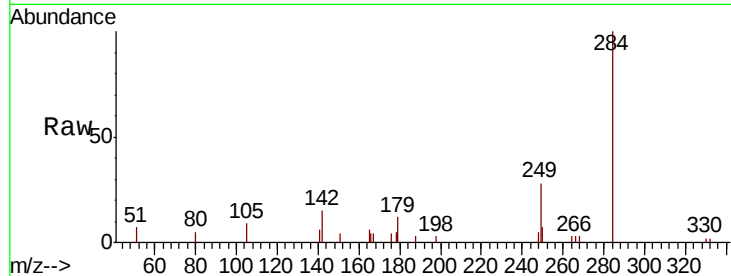




#21
Hexachlorobenzene
Concen: 0.307 ng
RT: 16.45 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.5	28.2	42.2
249	32.7	26.5	39.7

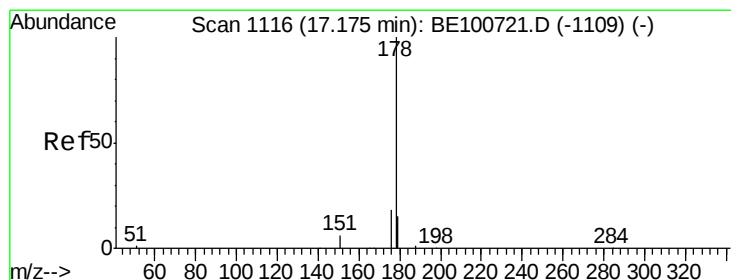
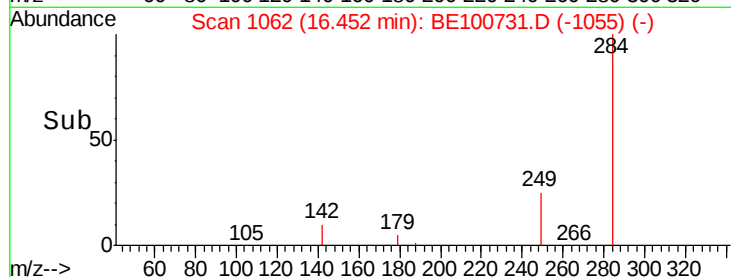
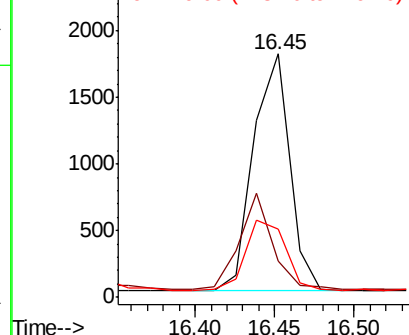


Abundance

Ion 283.80 (283.50 to 284.50): E

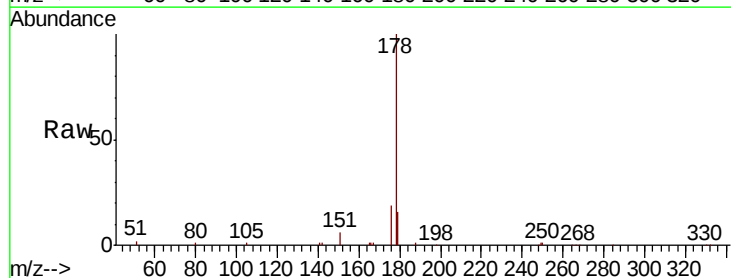
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#23
Phenanthrene
Concen: 0.365 ng
RT: 17.18 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.0	12.6	18.8

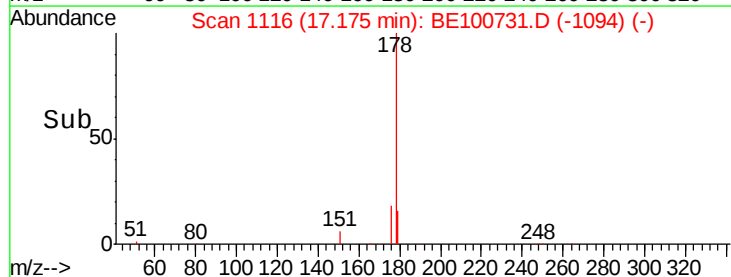
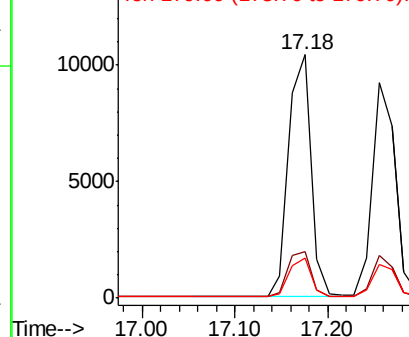


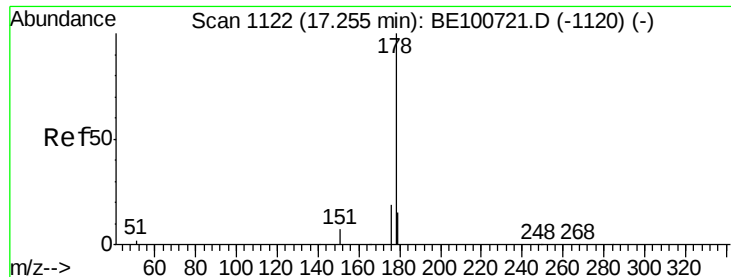
Abundance

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

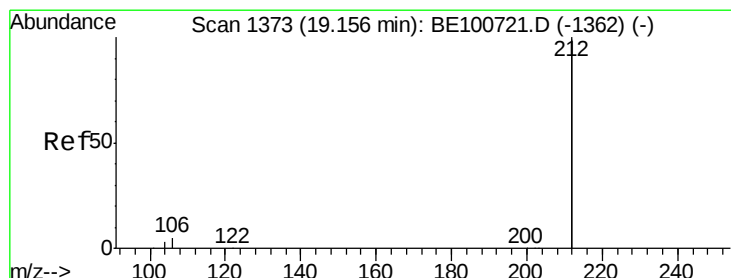
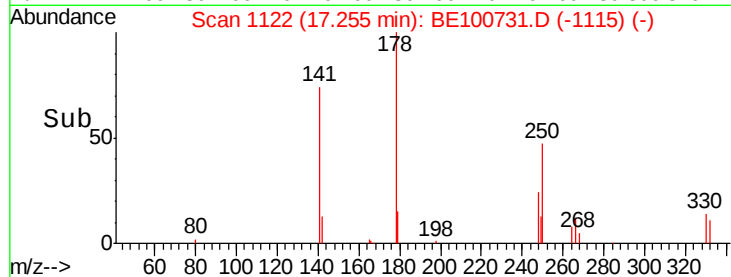
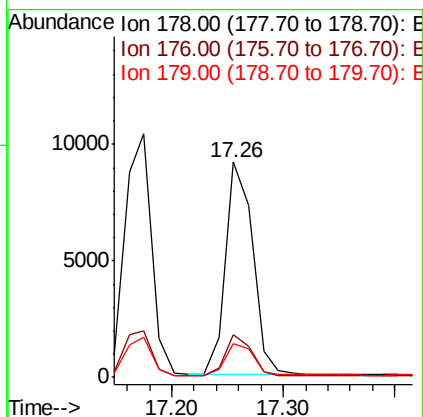
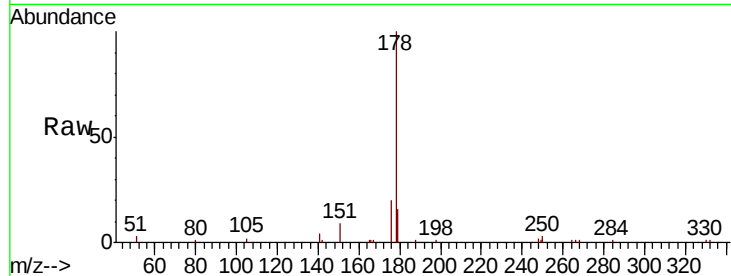




#24
 Anthracene
 Concen: 0.359 ng
 RT: 17.26 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

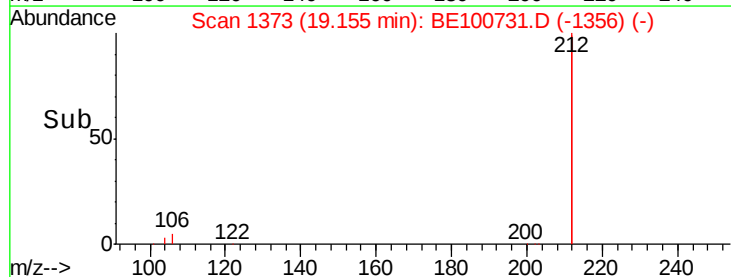
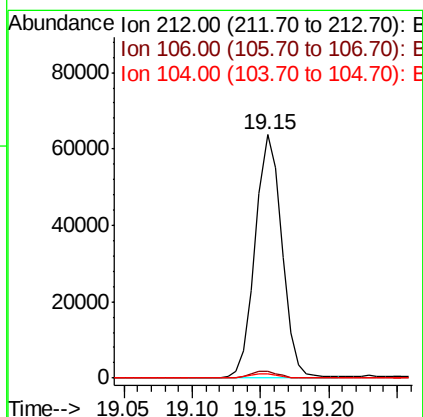
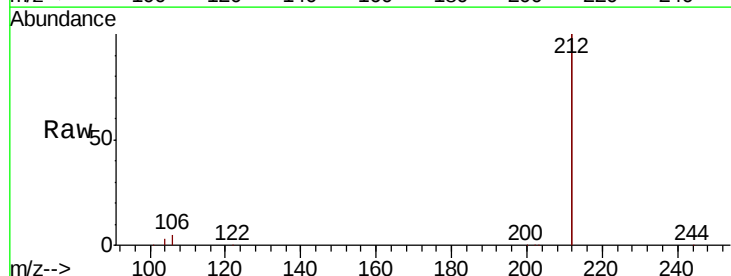
Instrument :
 BNA_E
 ClientSampleId :
 PB124646BSD

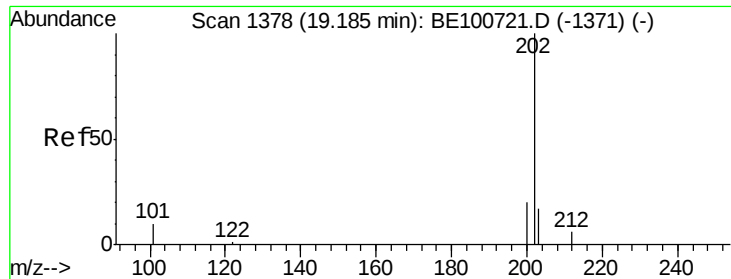
Tot Ion:178 Resp: 15452
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 21.8
 179 15.6 12.6 18.8



#25
 Fluoranthene-d10
 Concen: 0.363 ng
 RT: 19.15 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Tgt Ion:212 Resp: 84815
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.4
 104 1.5 1.2 1.8

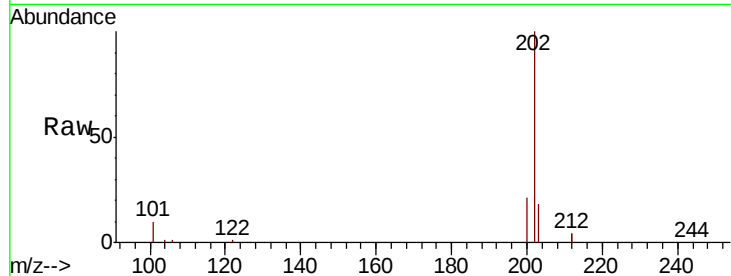




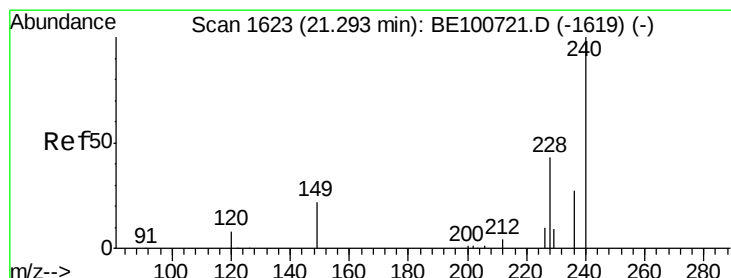
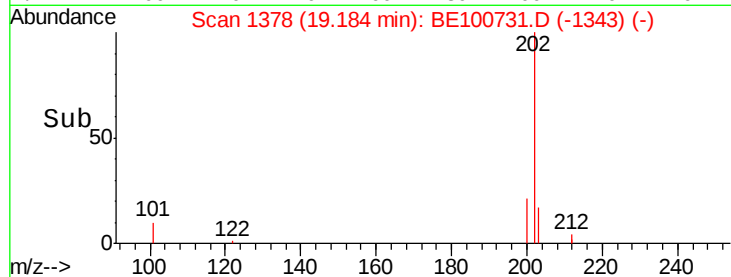
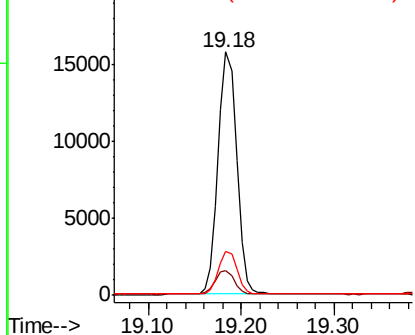
#26
 Fluoranthene
 Concen: 0.341 ng
 RT: 19.18 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BSD

Tot Ion:202 Resp: 21963
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.6 12.8
 203 17.7 13.6 20.4

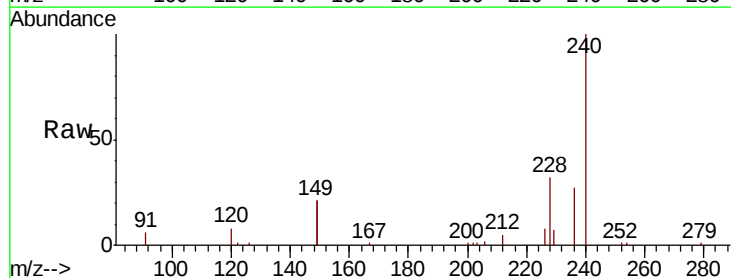


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

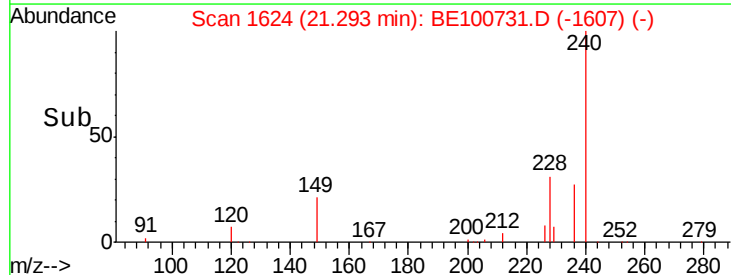
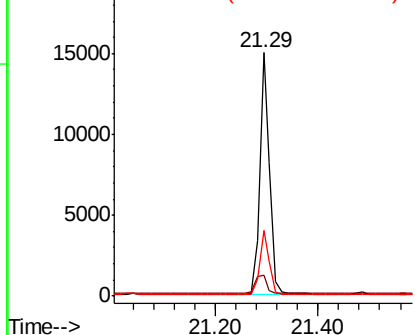


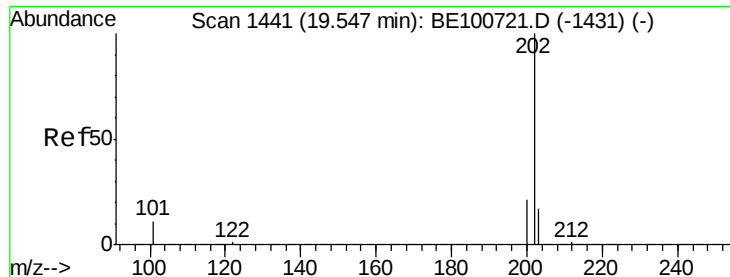
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100731.D
 Acq: 15 Nov 2019 11:18

Tgt Ion:240 Resp: 20559
 Ion Ratio Lower Upper
 240 100
 120 8.4 7.4 11.0
 236 27.1 21.8 32.6



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

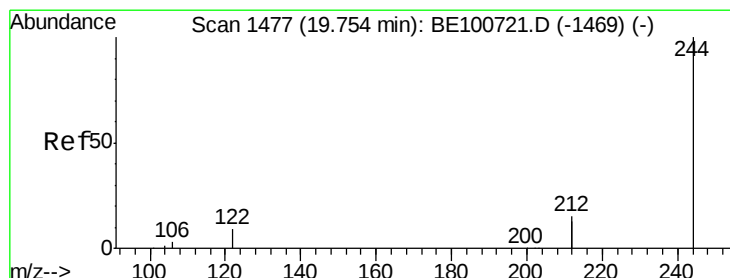
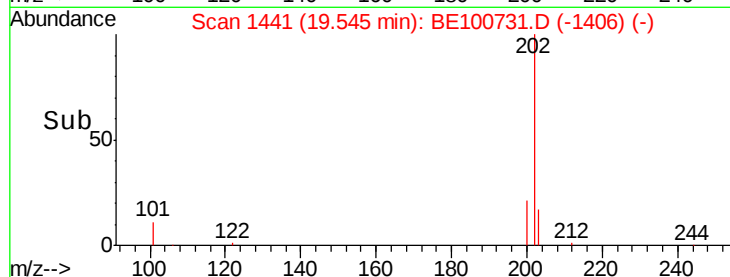
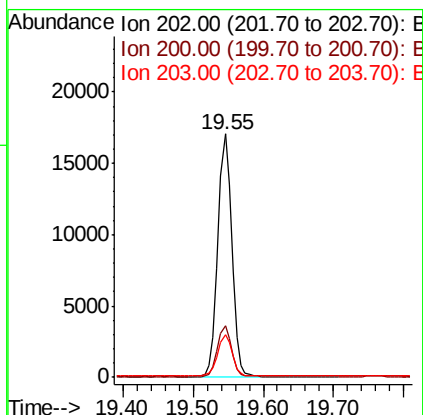
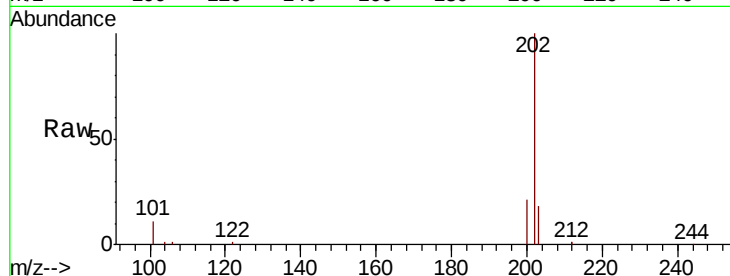




#28
Pvrene
Concen: 0.407 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

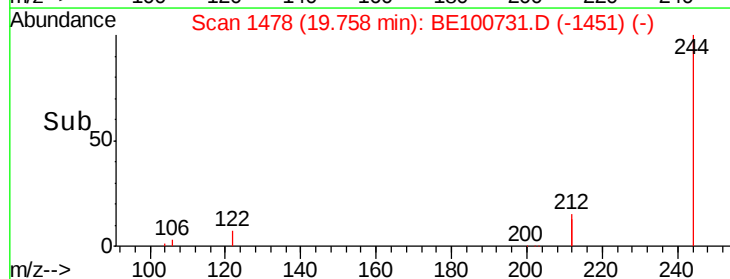
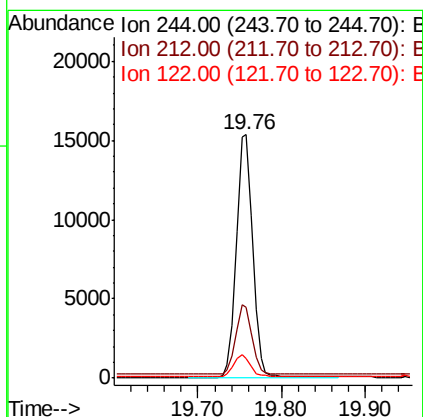
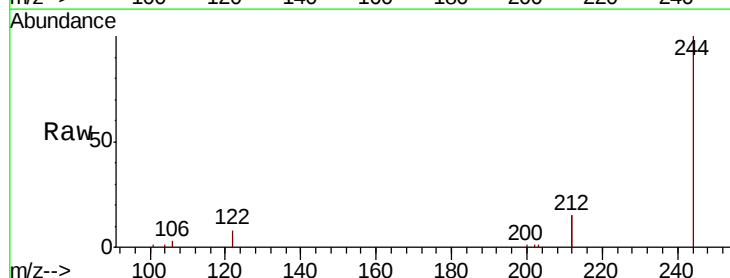
Instrument :
BNA_E
ClientSampleId :
PB124646BSD

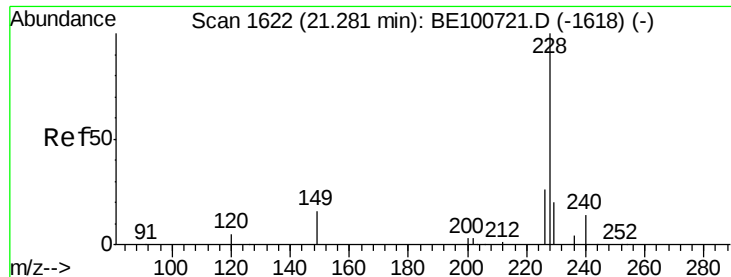
Tot Ion:202 Resp: 23288
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 18.0 14.0 21.0



#29
Terphenyl-d14
Concen: 0.426 ng
RT: 19.76 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:244 Resp: 20868
Ion Ratio Lower Upper
244 100
212 29.0 24.3 36.5
122 8.2 7.6 11.4





#30

Benzo(a)anthracene

Concen: 0.358 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

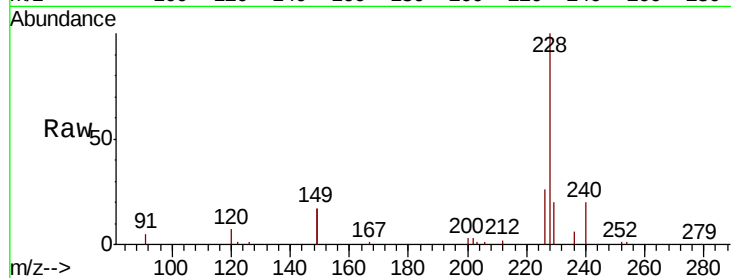
Tot Ion:228 Resp: 23610

Ion Ratio Lower Upper

228 100

226 26.5 21.1 31.7

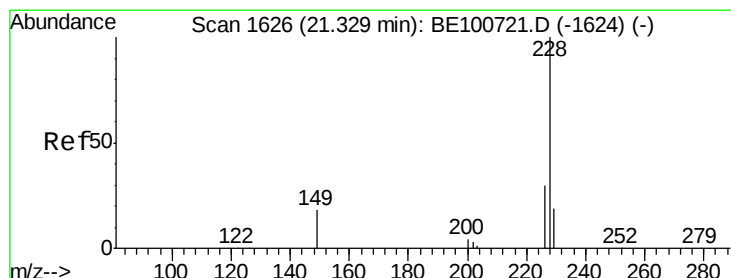
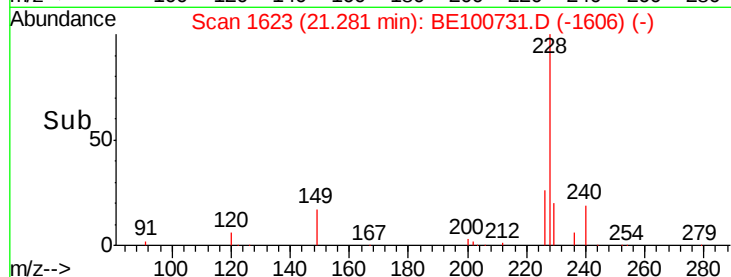
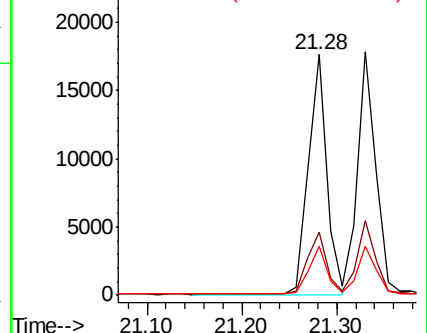
229 20.2 15.9 23.9



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



#31

Chrysene

Concen: 0.349 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

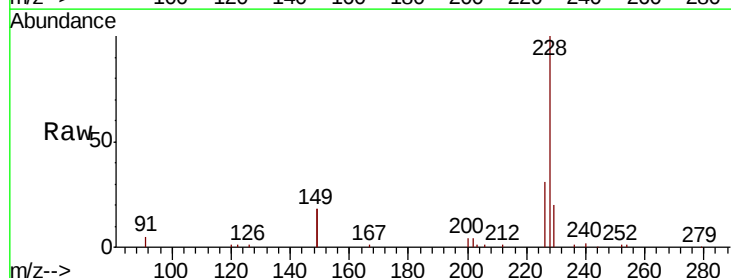
Tgt Ion:228 Resp: 23379

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

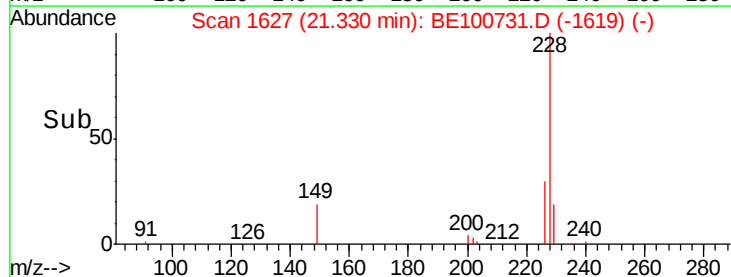
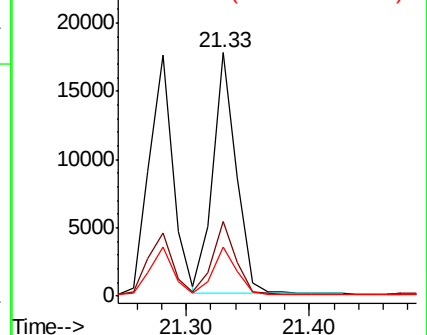
229 20.0 15.5 23.3

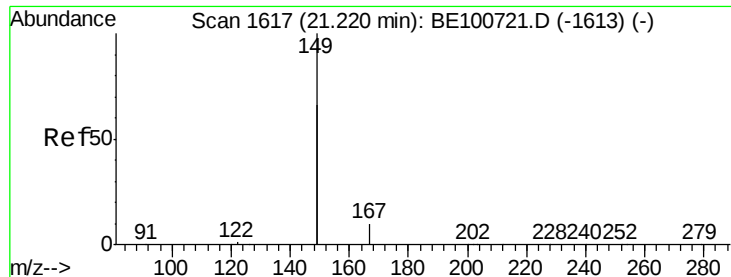


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.618 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

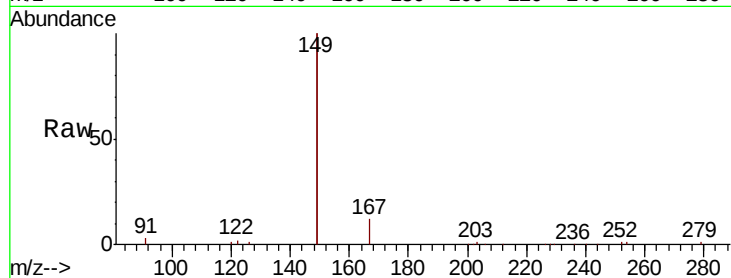
Tot Ion:149 Resp: 72333

Ion Ratio Lower Upper

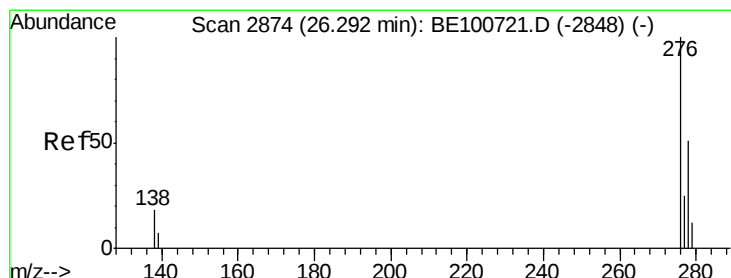
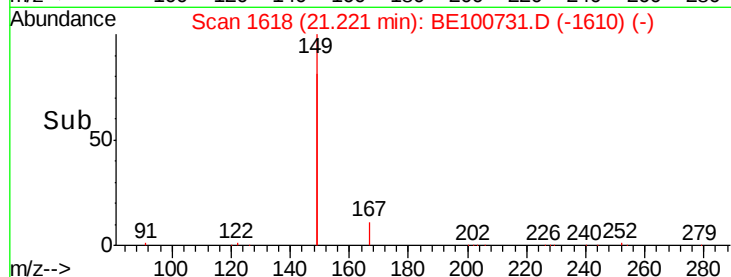
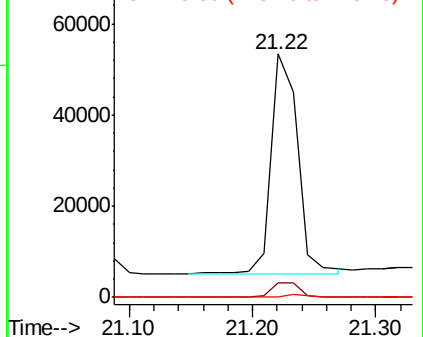
149 100

167 6.7 5.2 7.8

279 1.1 0.9 1.3



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: 0.333 ng

RT: 26.29 min Scan# 2874

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

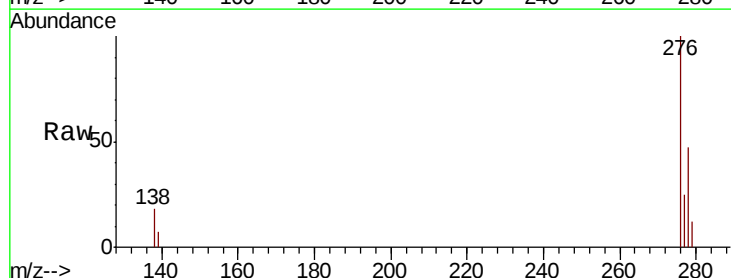
Tgt Ion:276 Resp: 26169

Ion Ratio Lower Upper

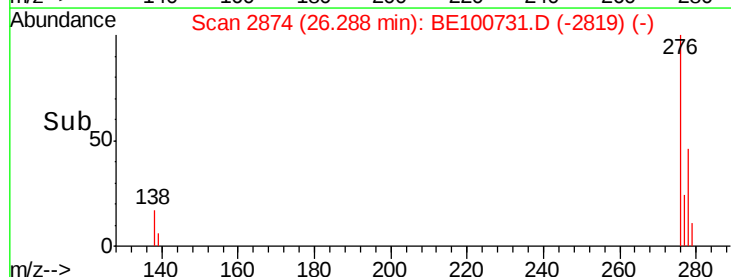
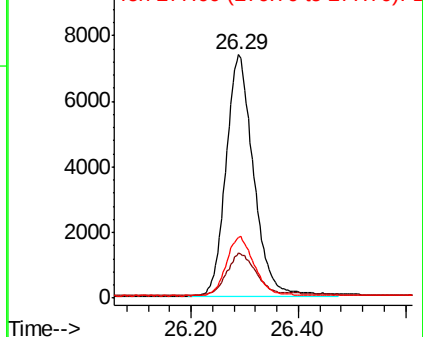
276 100

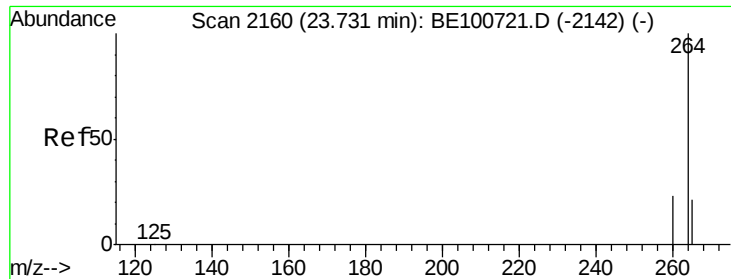
138 18.2 14.8 22.2

277 24.5 19.6 29.4



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



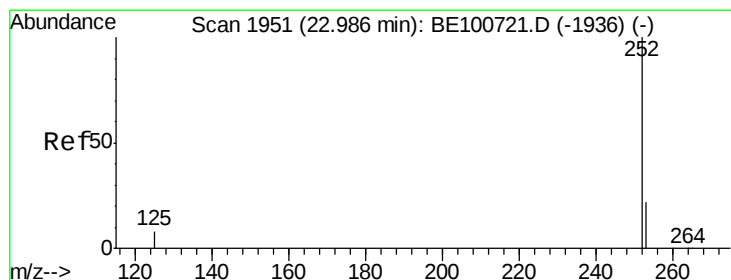
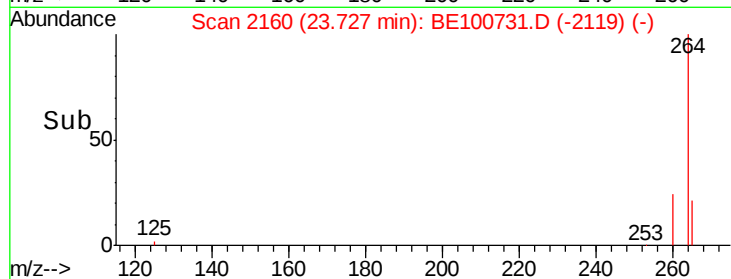
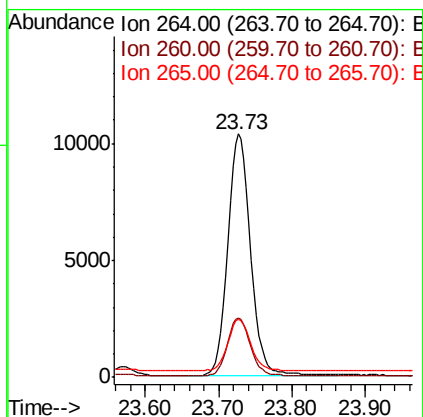
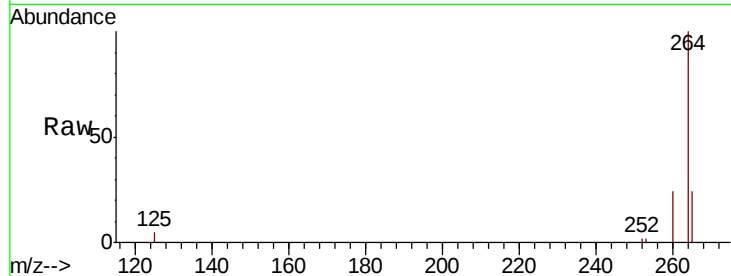


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Instrument :
BNA_E
ClientSampleId :
PB124646BSD

Tot Ion:264 Resp: 22572

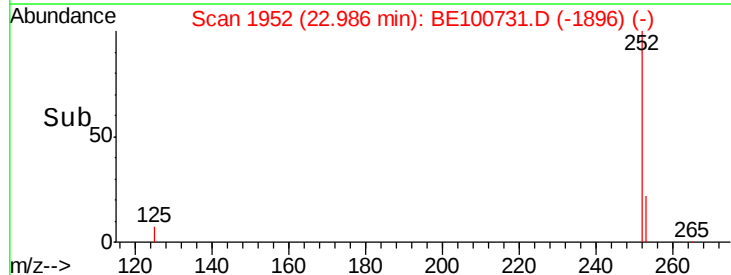
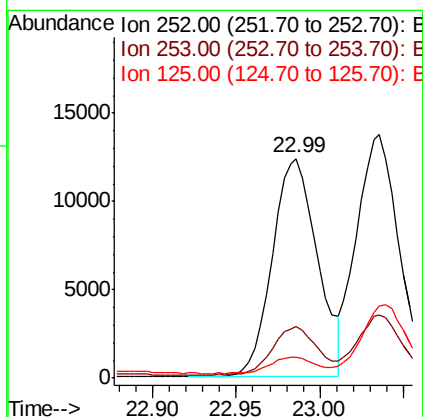
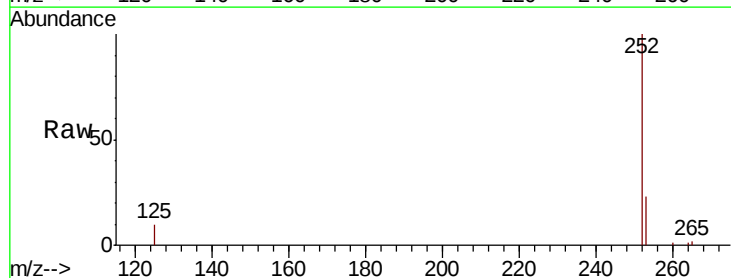
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	23.8	19.7	29.5

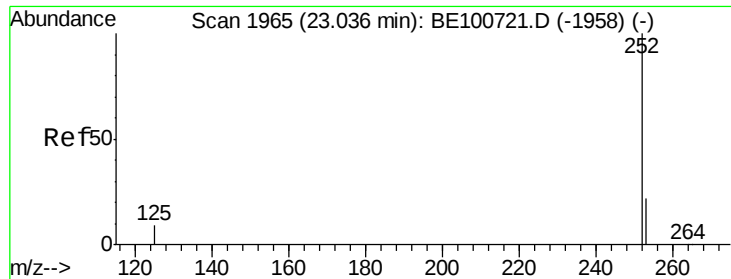


#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.99 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:252 Resp: 23210

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	9.5	7.0	10.4

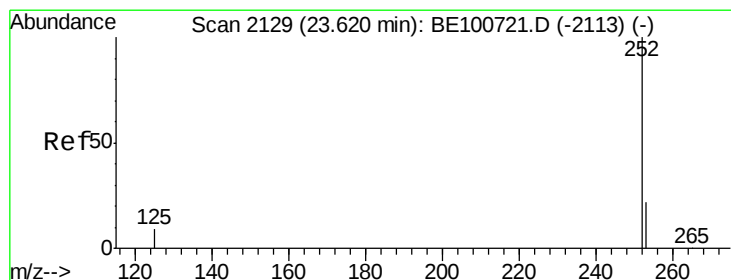
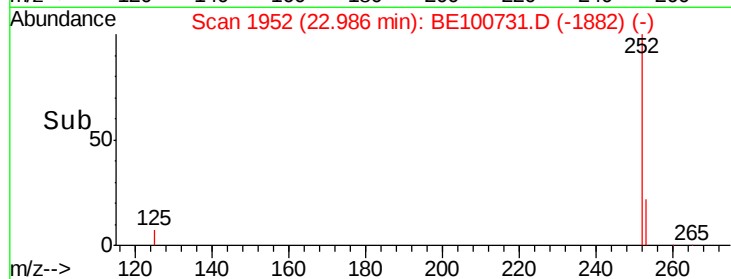
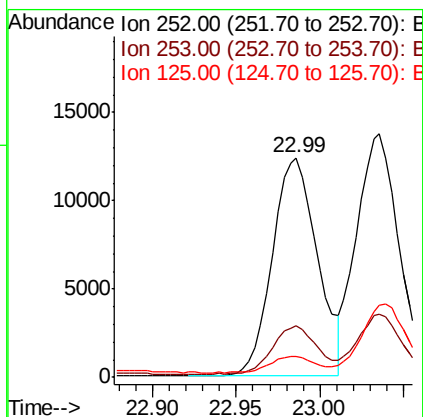
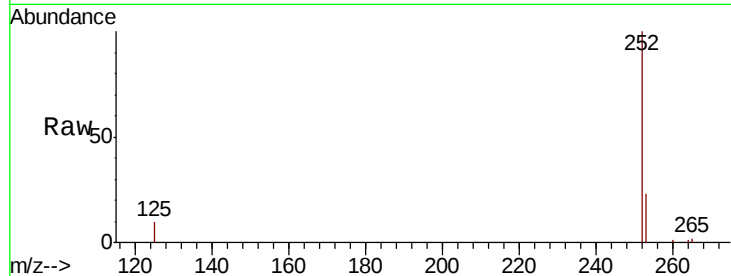




#36
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.05 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

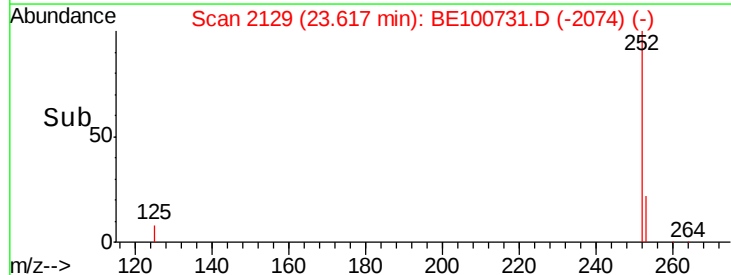
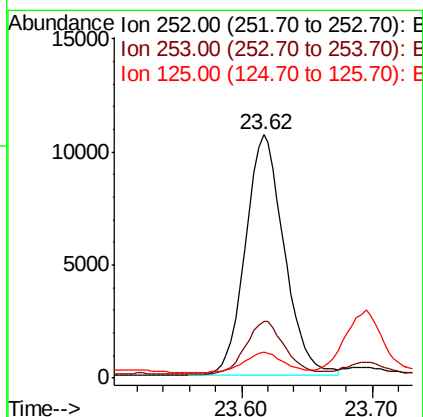
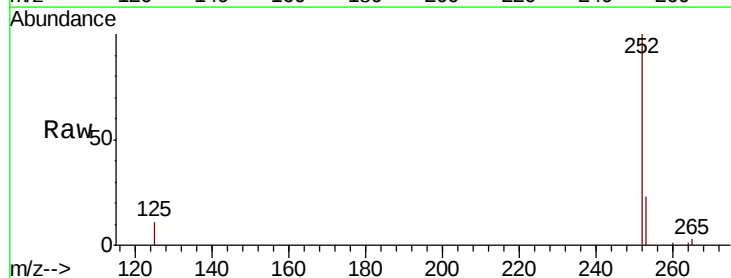
Instrument :
BNA_E
ClientSampleId :
PB124646BSD

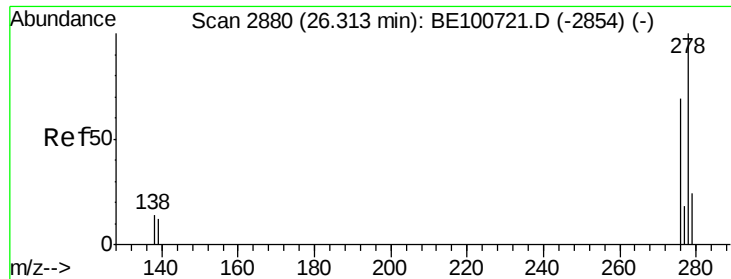
Tot Ion:252 Resp: 23210
Ion Ratio Lower Upper
252 100
253 23.5 18.6 27.8
125 9.5 7.6 11.4



#37
Benzo(a)pyrene
Concen: 0.357 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100731.D
Acq: 15 Nov 2019 11:18

Tgt Ion:252 Resp: 21927
Ion Ratio Lower Upper
252 100
253 23.4 18.6 28.0
125 10.8 7.9 11.9





#38

Dibenzo(a,h)anthracene

Concen: 0.343 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

Instrument :

BNA_E

ClientSampleId :

PB124646BSD

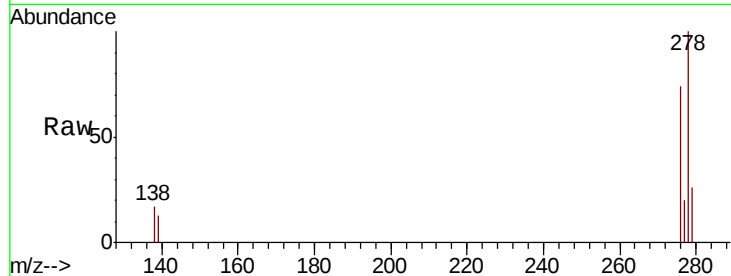
Tot Ion:278 Resp: 21944

Ion Ratio Lower Upper

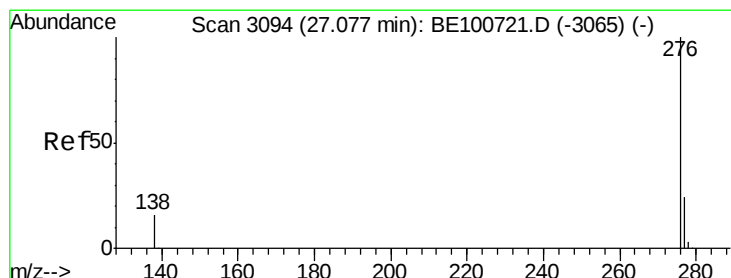
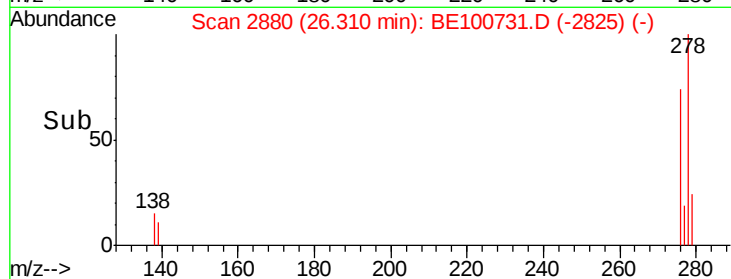
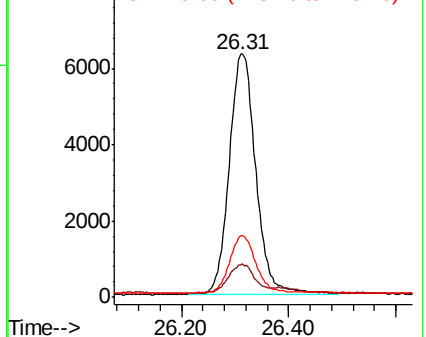
278 100

139 13.4 10.3 15.5

279 25.7 20.6 31.0



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(g,h,i)perylene

Concen: 0.348 ng

RT: 27.07 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BE100731.D

Acq: 15 Nov 2019 11:18

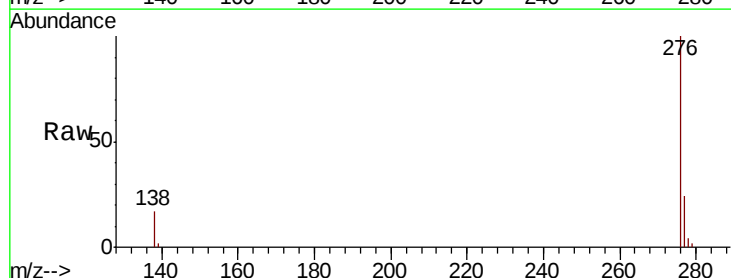
Tgt Ion:276 Resp: 21828

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 17.0 13.6 20.4



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

