

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100734.D
 Acq On : 15 Nov 2019 13:11
 Operator : JU
 Sample : PB124642BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124642BS

Quant Time: Nov 15 22:31:35 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	2656	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	10489	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	6275	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	14581	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18145	0.40	ng	0.00
34) Perylene-d12	23.73	264	19740	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	1914	0.25	ng	0.00
5) Phenol-d6	6.94	99	2895	0.26	ng	0.00
8) Nitrobenzene-d5	8.91	82	1994	0.22	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	4504	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	138	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	5322	0.23	ng	0.00
25) Fluoranthene-d10	19.16	212	53349	0.28	ng	0.00
29) Terphenyl-d14	19.75	244	12786	0.30	ng	0.00

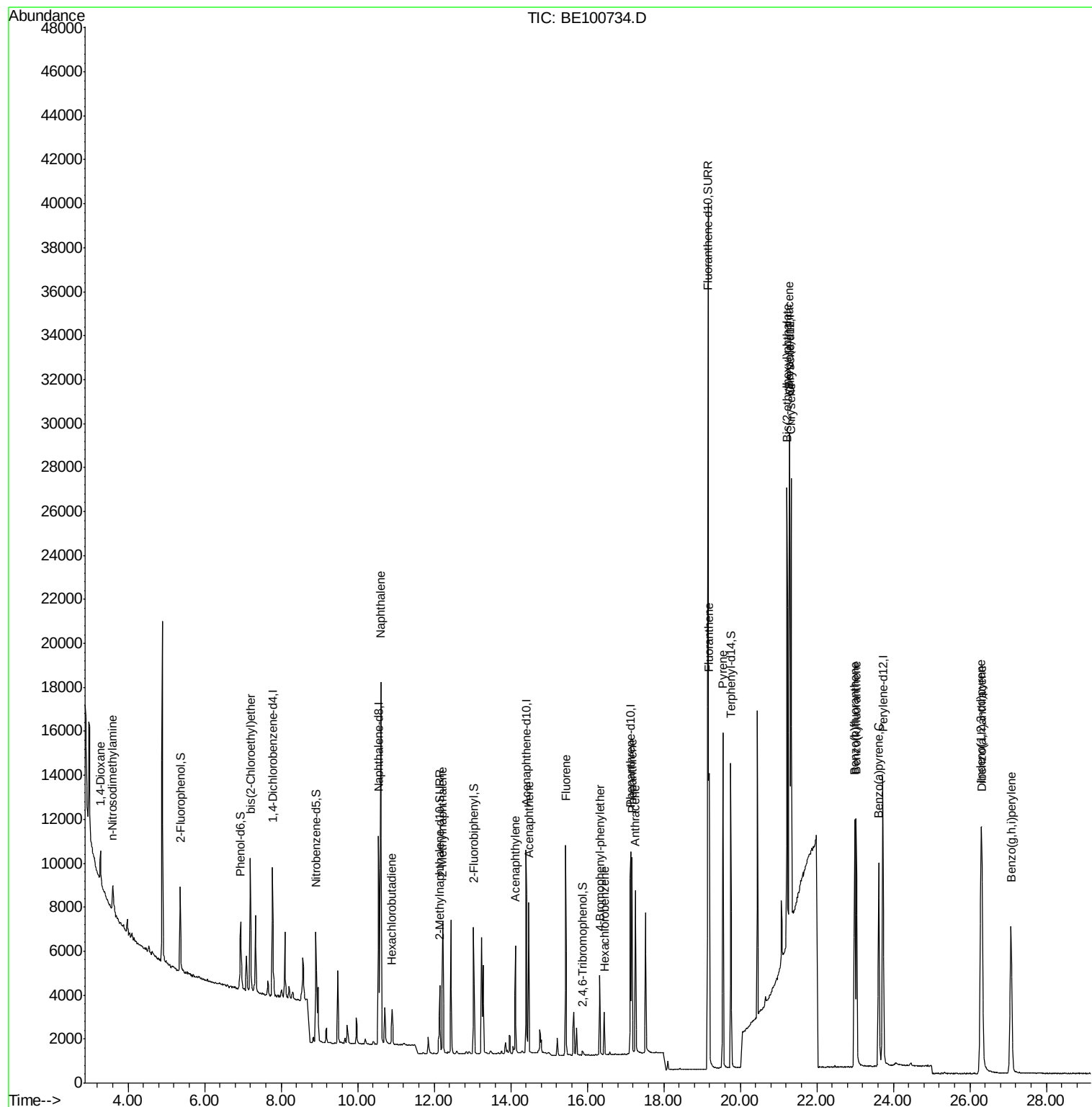
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	868	0.188	ng	# 52
3) n-Nitrosodimethylamine	3.59	42	1051	0.229	ng	# 92
6) bis(2-Chloroethyl)ether	7.20	93	2166	0.226	ng	94
9) Naphthalene	10.60	128	26327	0.242	ng	100
10) Hexachlorobutadiene	10.90	225	1101	0.219	ng	96
12) 2-Methylnaphthalene	12.22	142	4246	0.229	ng	98
16) Acenaphthylene	14.12	152	5822	0.229	ng	99
17) Acenaphthene	14.47	154	3856	0.231	ng	99
18) Fluorene	15.43	166	5310	0.233	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	1794	0.233	ng	95
21) Hexachlorobenzene	16.45	284	1680	0.224	ng	97
23) Phenanthrene	17.17	178	10304	0.259	ng	100
24) Anthracene	17.25	178	8969	0.253	ng	99
26) Fluoranthene	19.18	202	13875	0.261	ng	99
28) Pyrene	19.55	202	14300	0.283	ng	99
30) Benzo(a)anthracene	21.28	228	15420	0.265	ng	99
31) Chrysene	21.33	228	16074	0.272	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	24531	0.237	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	18759	0.271	ng	100
35) Benzo(b)fluoranthene	22.99	252	16221	0.282	ng	99
36) Benzo(k)fluoranthene	23.03	252	16305	0.270	ng	100
37) Benzo(a)pyrene	23.62	252	15643	0.291	ng	99
38) Dibenzo(a,h)anthracene	26.32	278	15690	0.280	ng	99
39) Benzo(g,h,i)perylene	27.07	276	16118	0.294	ng	100

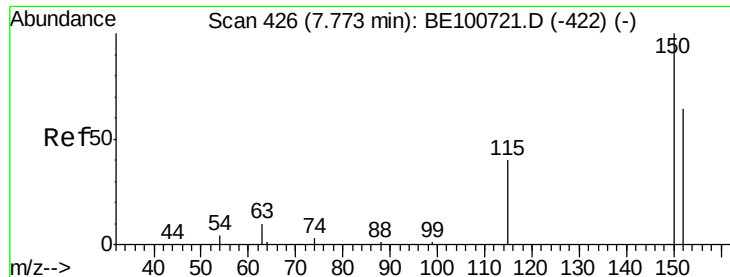
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

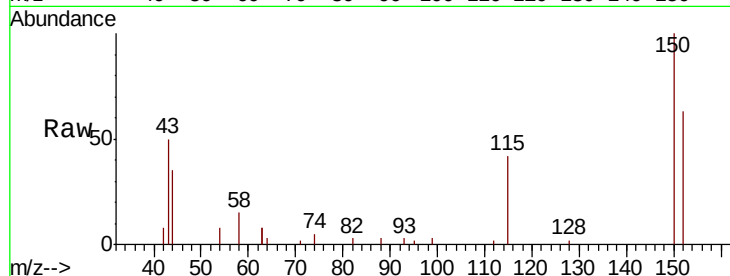
Tot Ion:152 Resp: 2656

Ion Ratio Lower Upper

152 100

150 158.0 123.4 185.0

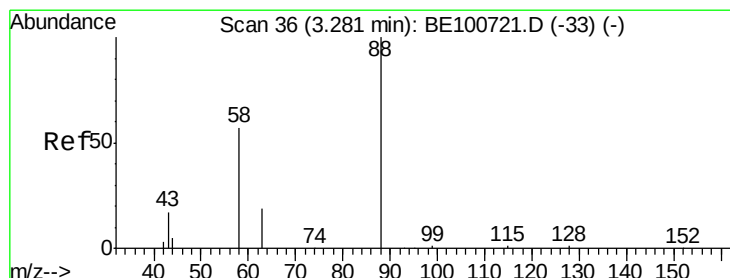
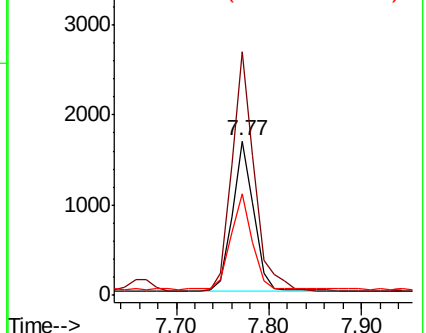
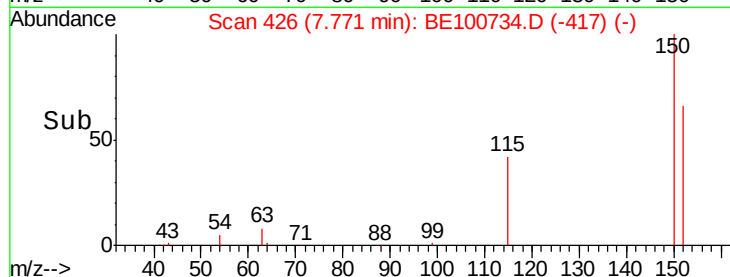
115 66.0 52.1 78.1



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: 0.188 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

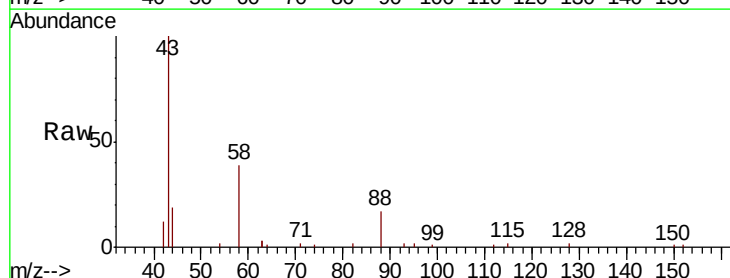
Tgt Ion: 88 Resp: 868

Ion Ratio Lower Upper

88 100

58 128.3 69.8 104.8#

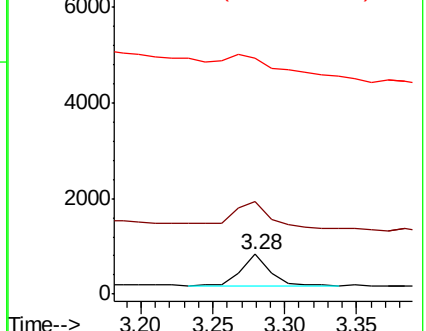
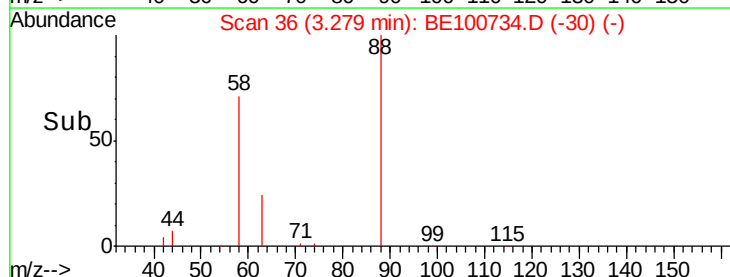
43 0.0 27.0 40.4#

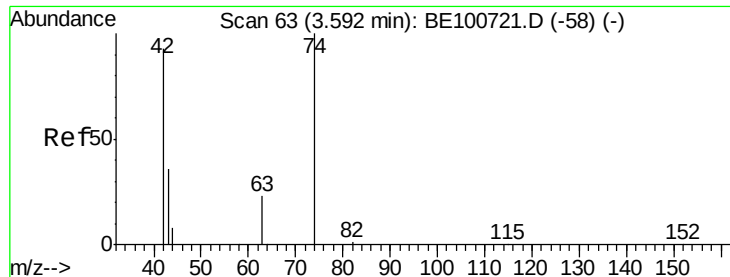


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.229 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

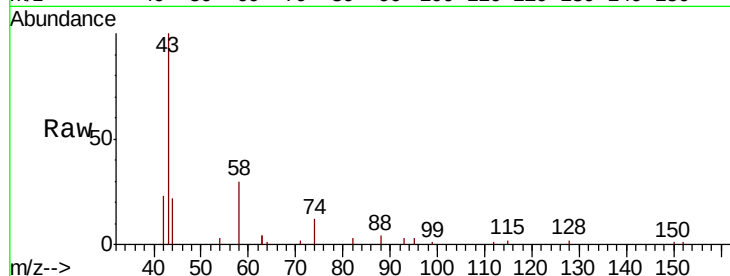
Tot Ion: 42 Resp: 1051

Ion Ratio Lower Upper

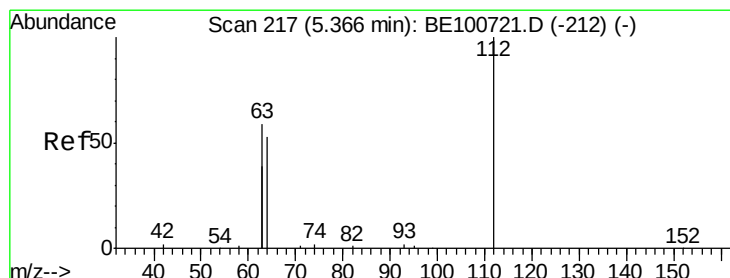
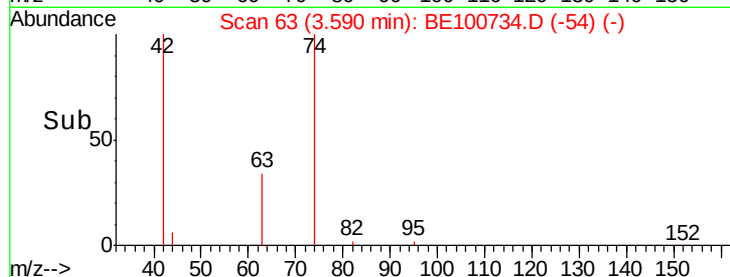
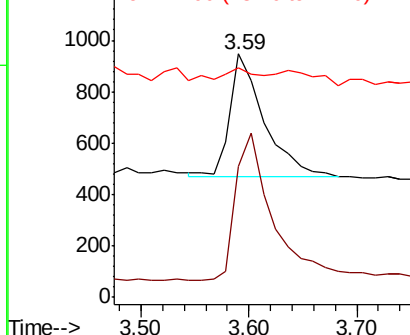
42 100

74 132.6 99.7 149.5

44 10.1 11.8 17.8#



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: 0.247 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

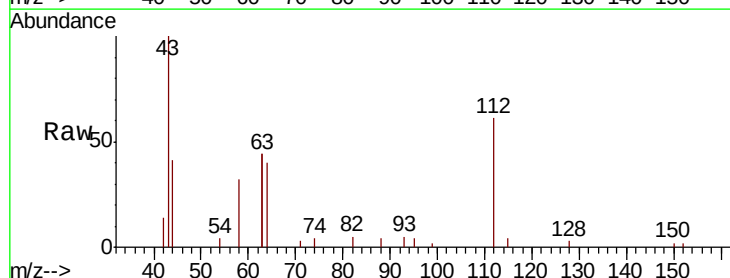
Tgt Ion: 112 Resp: 1914

Ion Ratio Lower Upper

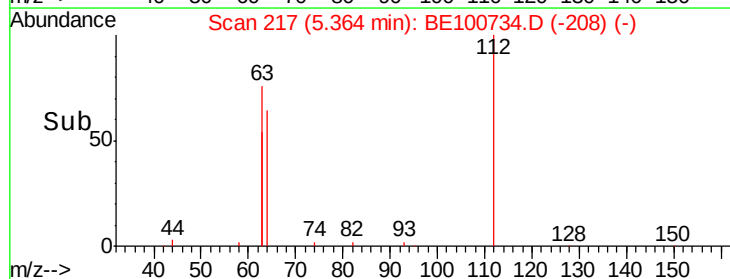
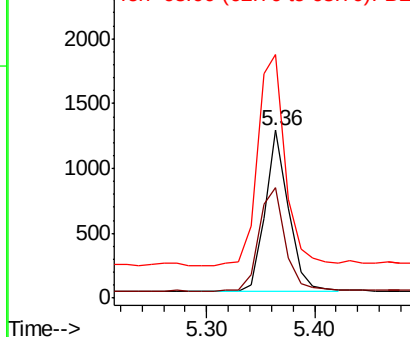
112 100

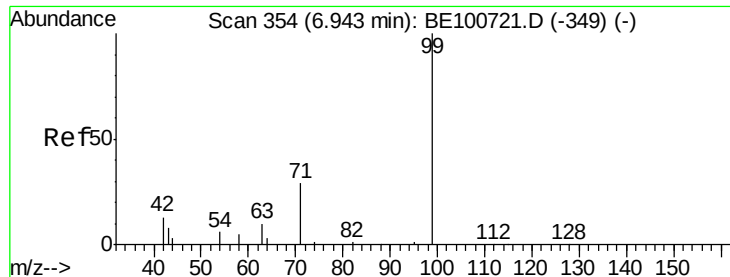
64 70.8 58.3 87.5

63 151.4 115.4 173.2



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





#5

Phenol-d6

Concen: 0.264 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

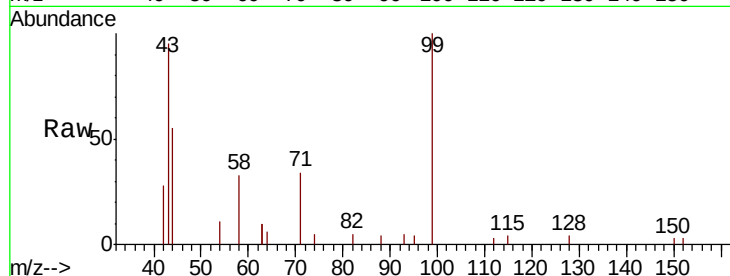
Tot Ion: 99 Resp: 2895

Ion Ratio Lower Upper

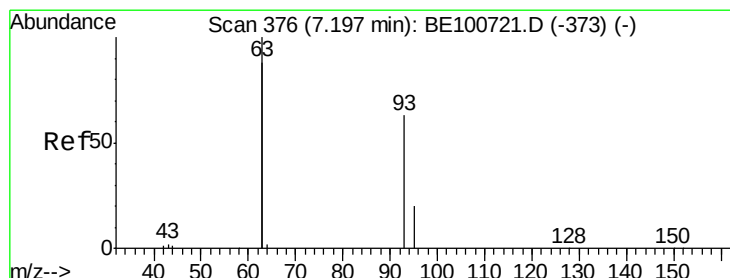
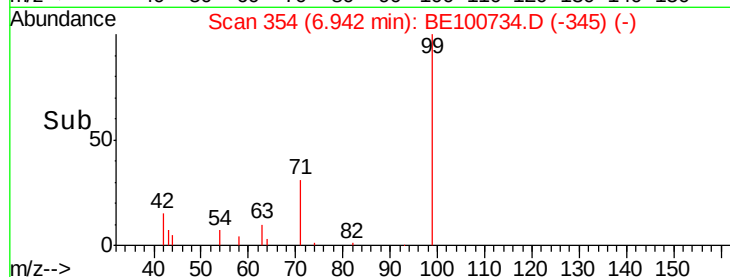
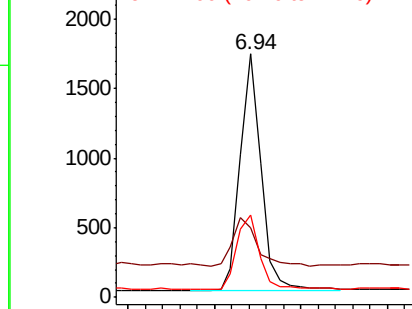
99 100

42 23.7 17.8 26.6

71 34.2 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: 0.226 ng

RT: 7.20 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

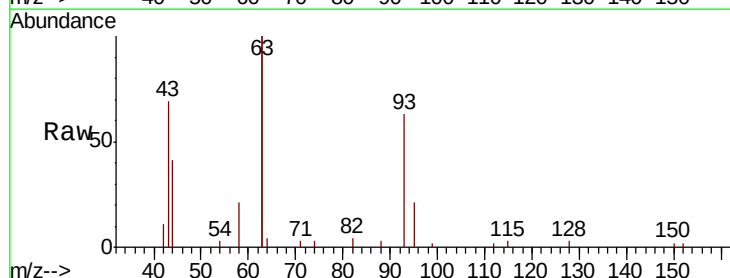
Tgt Ion: 93 Resp: 2166

Ion Ratio Lower Upper

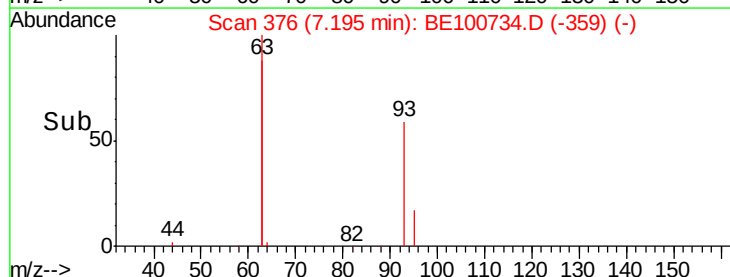
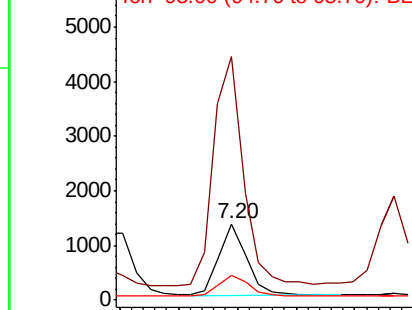
93 100

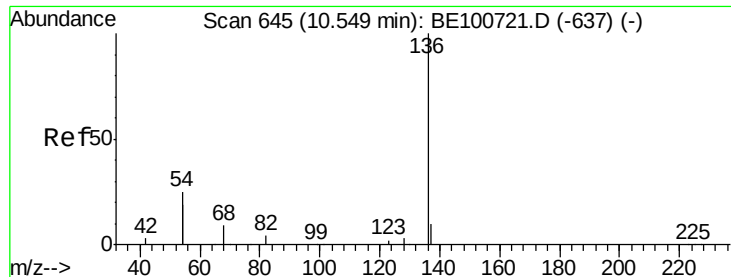
63 340.1 260.7 391.1

95 29.9 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: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

Tot Ion:136 Resp: 10489

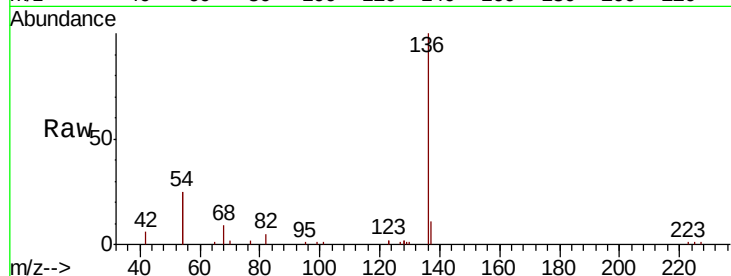
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 49.0 39.0 58.6

68 9.4 7.8 11.8

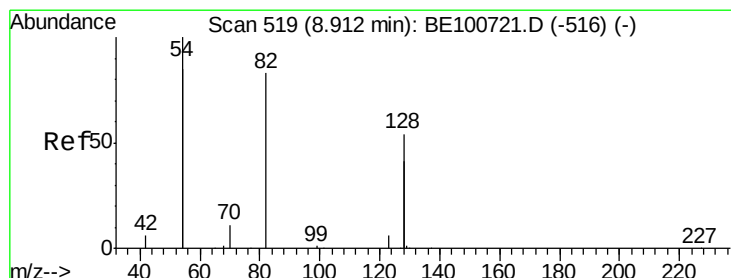
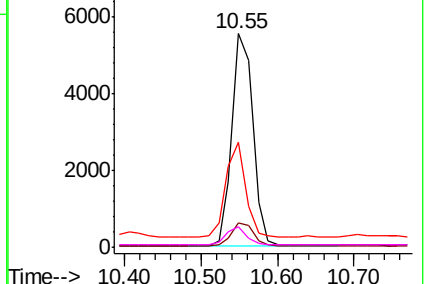
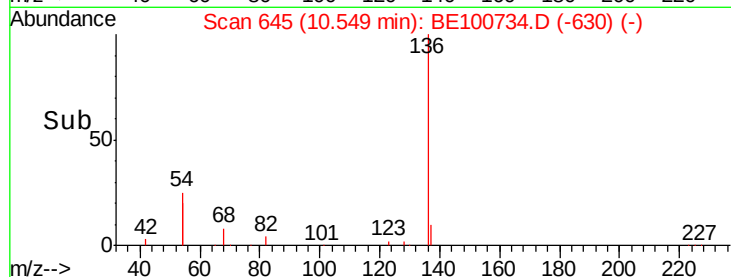


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.224 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

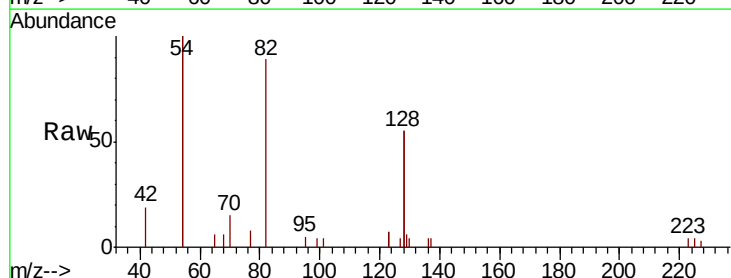
Tgt Ion: 82 Resp: 1994

Ion Ratio Lower Upper

82 100

128 123.4 99.6 149.4

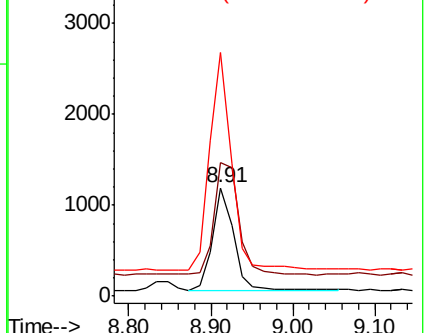
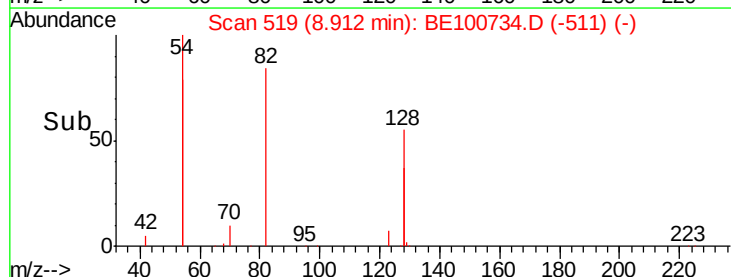
54 224.6 183.8 275.8

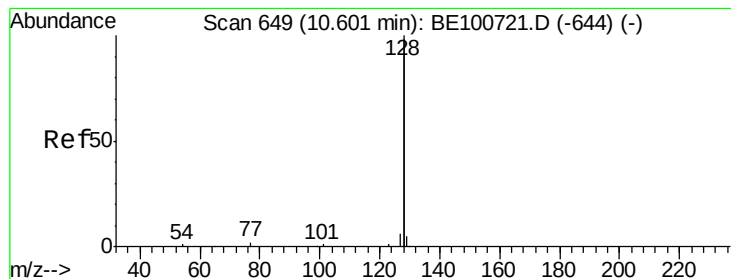


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.242 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

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ClientSampleId :

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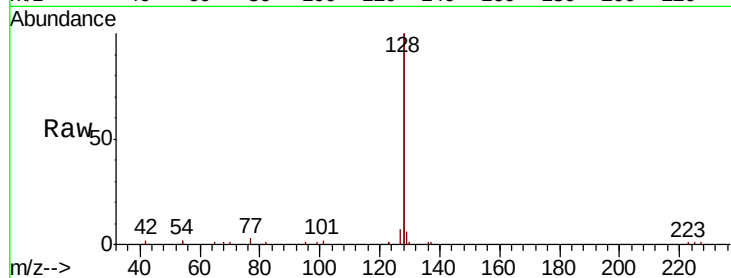
Tot Ion:128 Resp: 26327

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

127 3.5 2.7 4.1

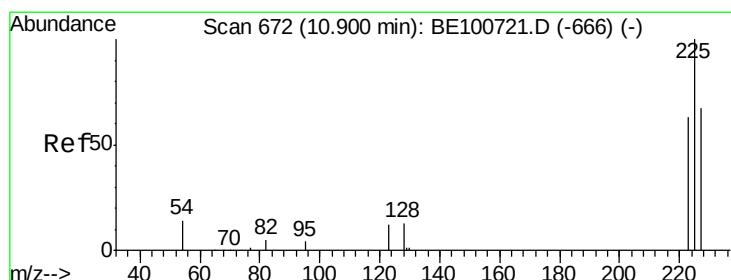
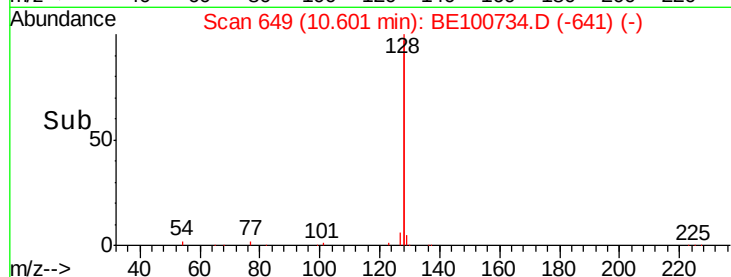
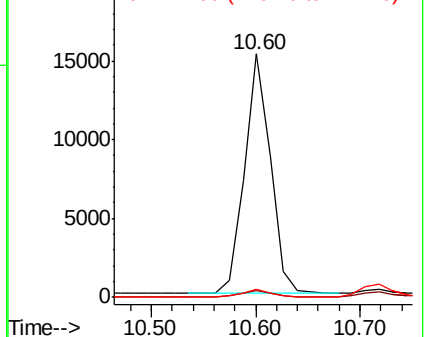


Abundance

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: 0.219 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

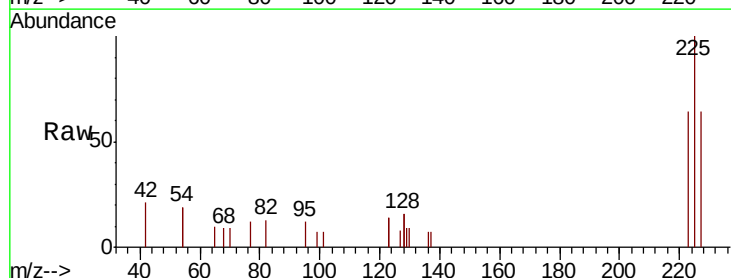
Tgt Ion:225 Resp: 1101

Ion Ratio Lower Upper

225 100

223 61.4 50.6 76.0

227 62.4 53.0 79.6

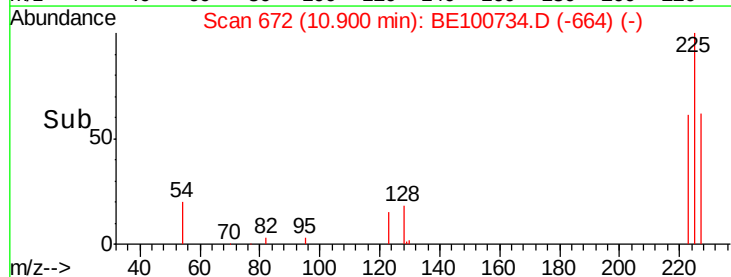
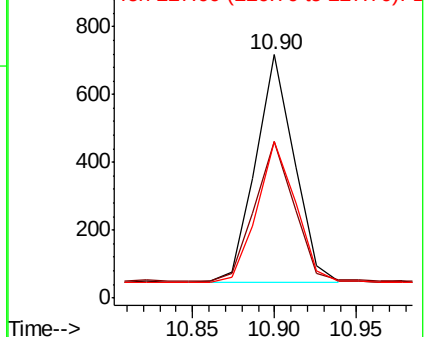


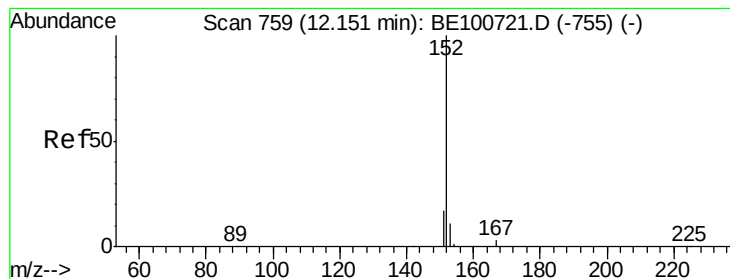
Abundance

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: 0.269 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

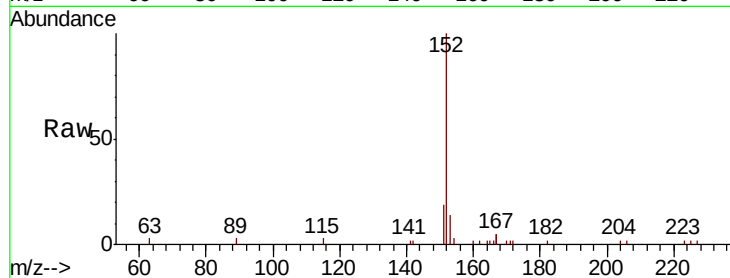
PB124642BS

Tot Ion:152 Resp: 4504

Ion Ratio Lower Upper

152 100

151 17.1 14.2 21.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2500

2000

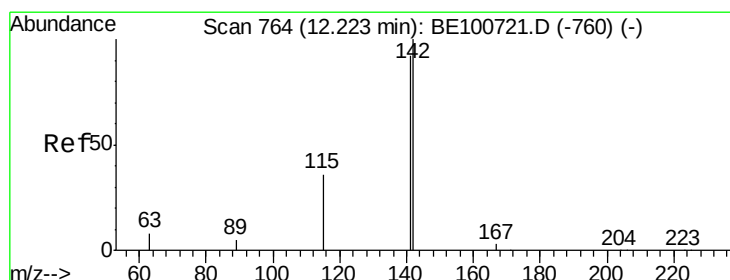
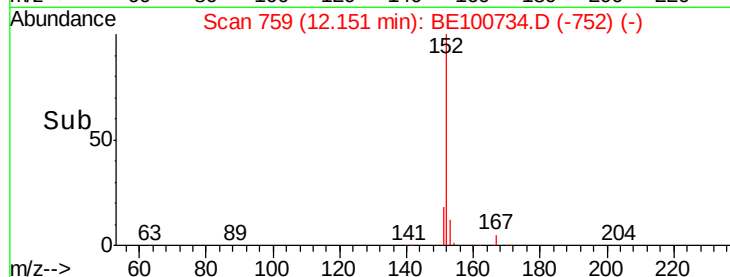
1500

1000

500

0

Time--> 12.00 12.10 12.20 12.30



#12

2-Methylnaphthalene

Concen: 0.229 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

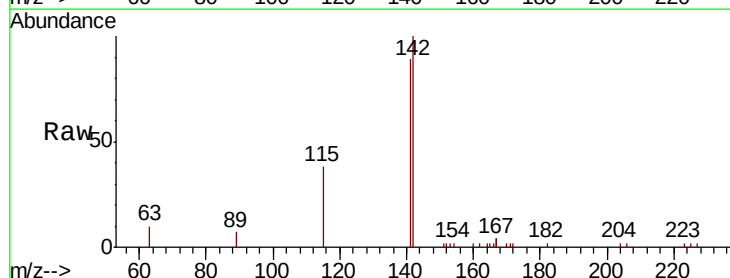
Tgt Ion:142 Resp: 4246

Ion Ratio Lower Upper

142 100

141 88.9 73.3 109.9

115 37.5 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

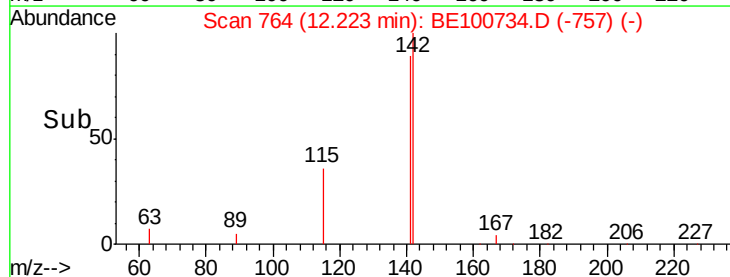
3000

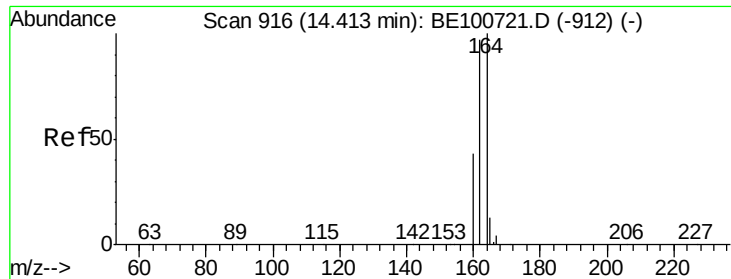
2000

1000

0

Time--> 12.10 12.20 12.30

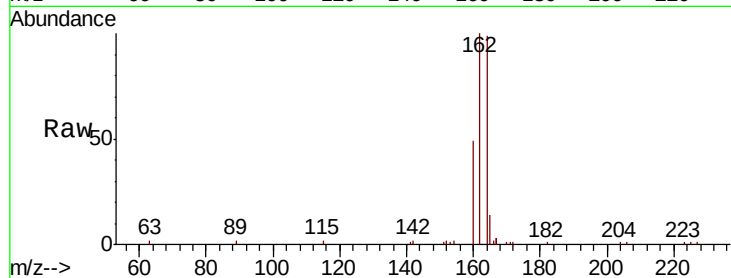




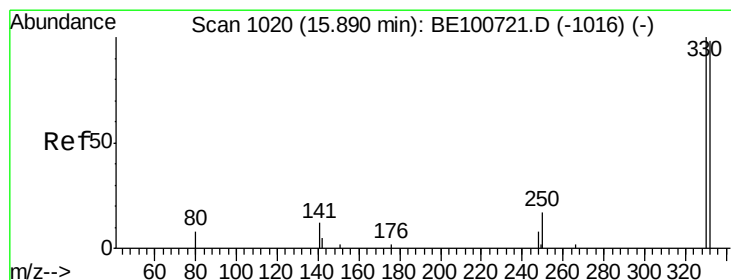
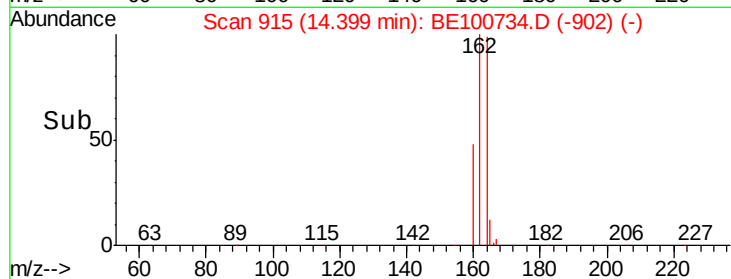
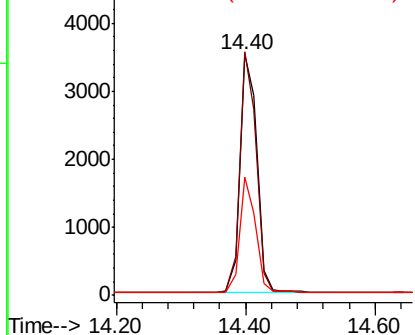
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BE100734.D
 Acq: 15 Nov 2019 13:11

Instrument :
 BNA_E
 ClientSampleId :
 PB124642BS

Tot Ion:164 Resp: 6275
 Ion Ratio Lower Upper
 164 100
 162 101.1 77.8 116.8
 160 49.2 35.3 52.9

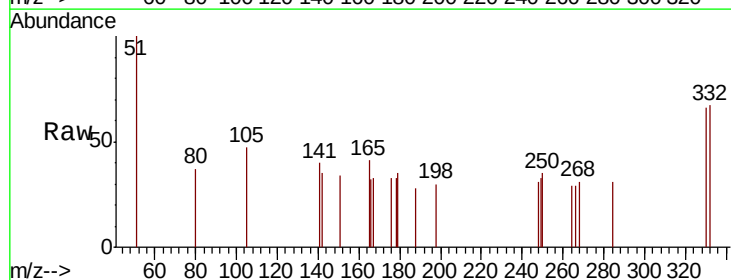


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

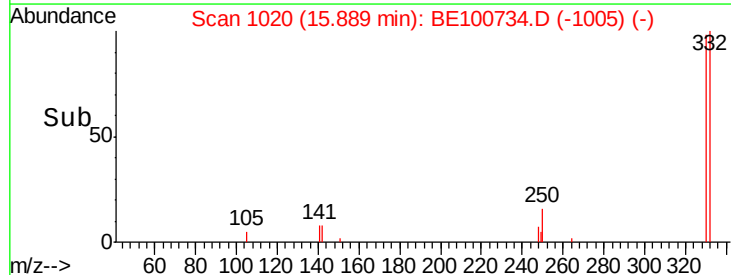
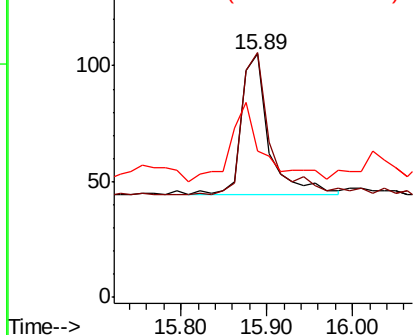


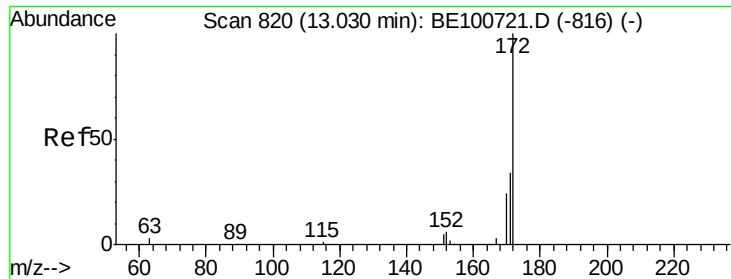
#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BE100734.D
 Acq: 15 Nov 2019 13:11

Tgt Ion:330 Resp: 138
 Ion Ratio Lower Upper
 330 100
 332 108.0 85.0 127.6
 141 65.2 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

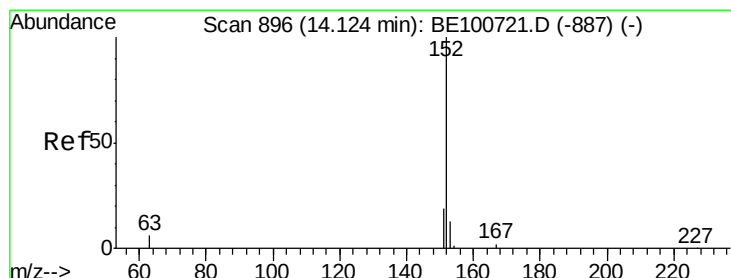
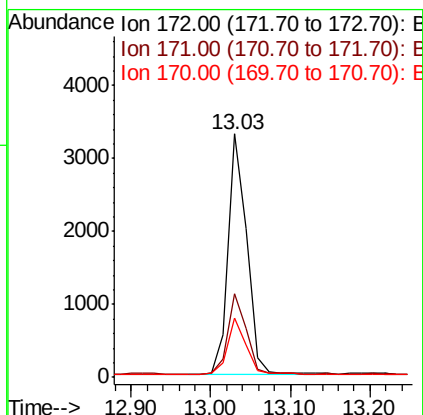
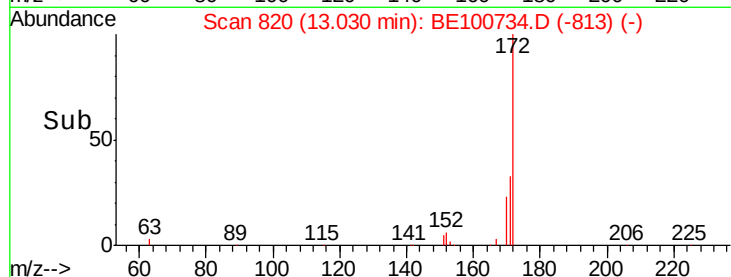
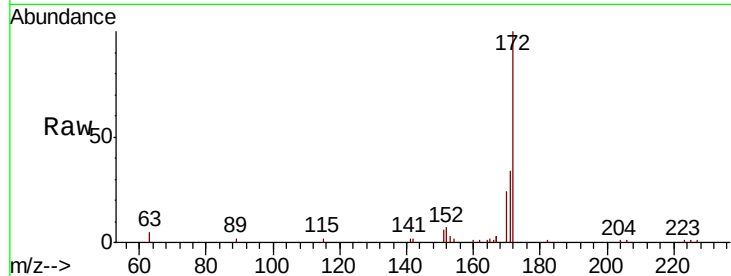




#15
2-Fluorobiphenyl
Concen: 0.231 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

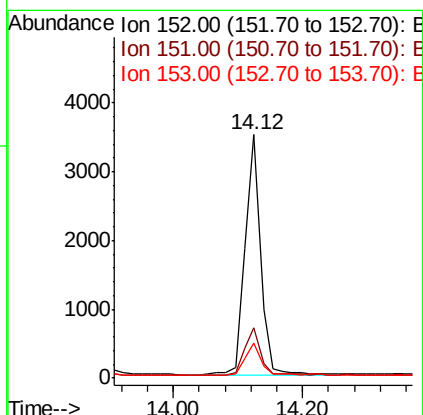
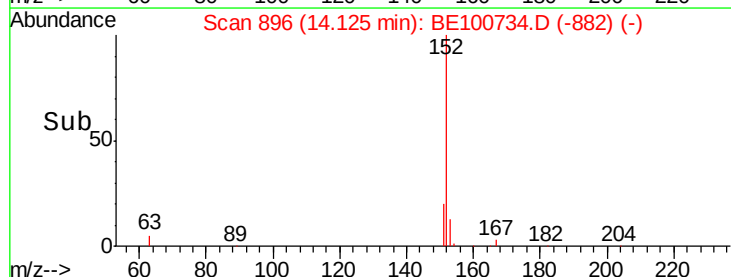
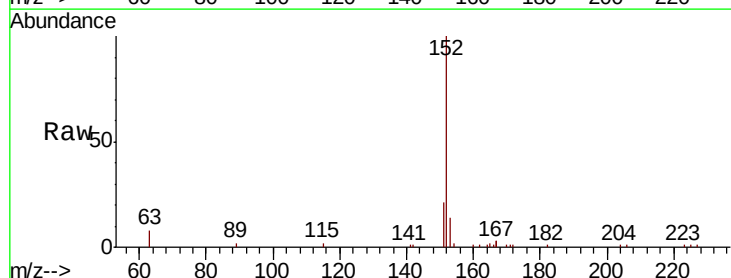
Instrument :
BNA_E
ClientSampleId :
PB124642BS

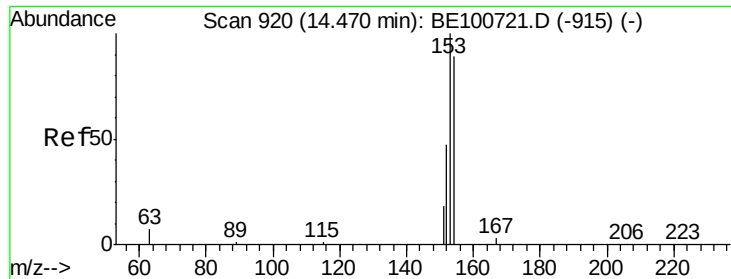
Tot Ion:172 Resp: 5322
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 24.4 19.8 29.6



#16
Acenaphthylene
Concen: 0.229 ng
RT: 14.12 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Tgt Ion:152 Resp: 5822
Ion Ratio Lower Upper
152 100
151 19.4 14.9 22.3
153 13.4 10.7 16.1

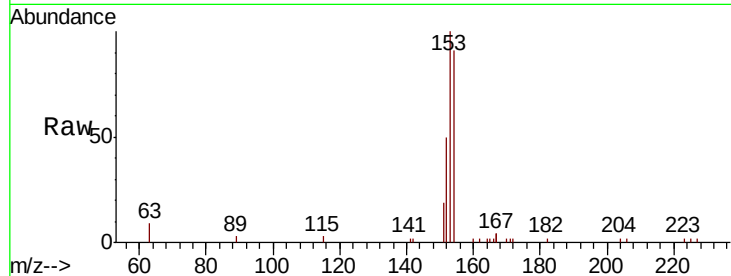




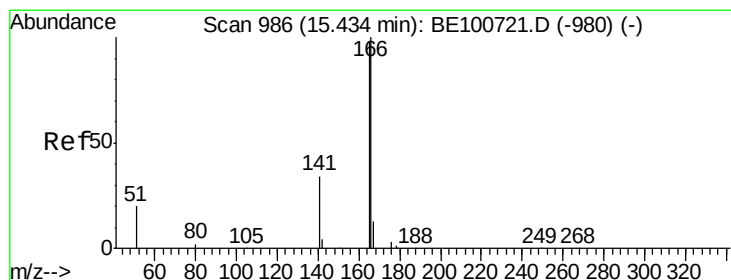
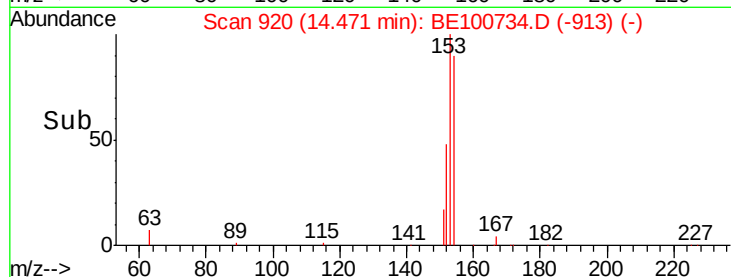
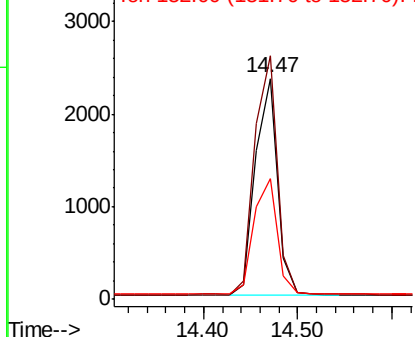
#17
Acenaphthene
Concen: 0.231 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Instrument :
BNA_E
ClientSampleId :
PB124642BS

Tot Ion:154 Resp: 3856
Ion Ratio Lower Upper
154 100
153 113.2 91.9 137.9
152 56.6 44.8 67.2

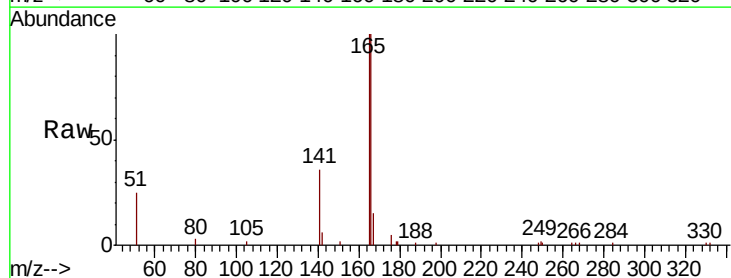


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

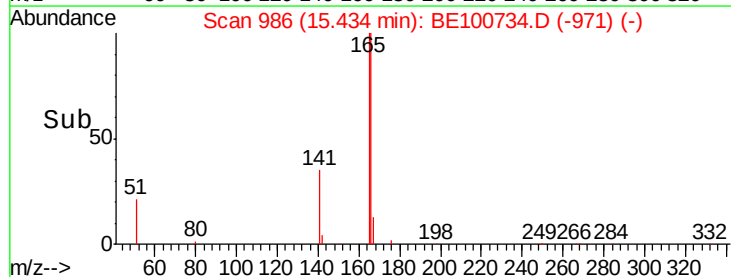
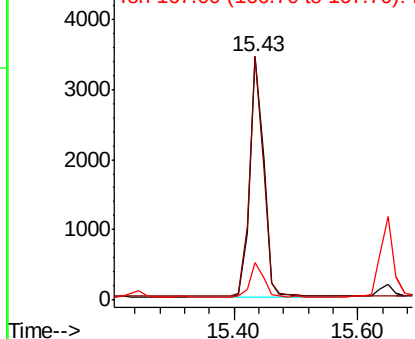


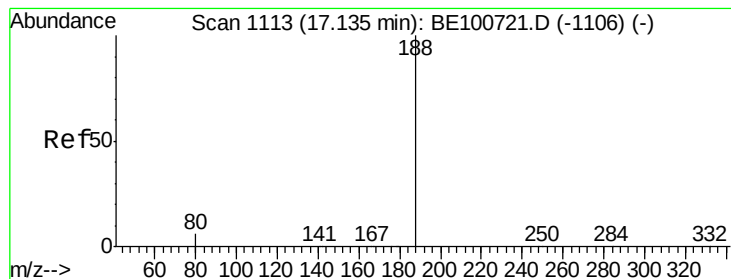
#18
Fluorene
Concen: 0.233 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Tgt Ion:166 Resp: 5310
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.4
167 13.8 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: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

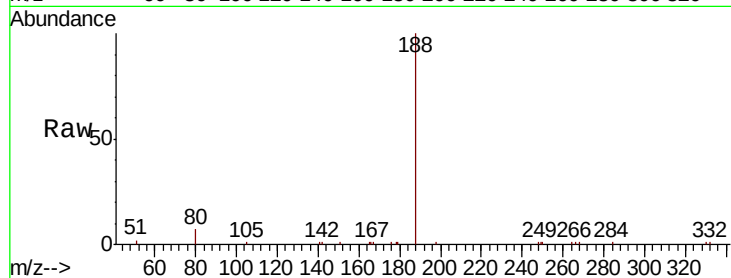
Tot Ion:188 Resp: 14581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

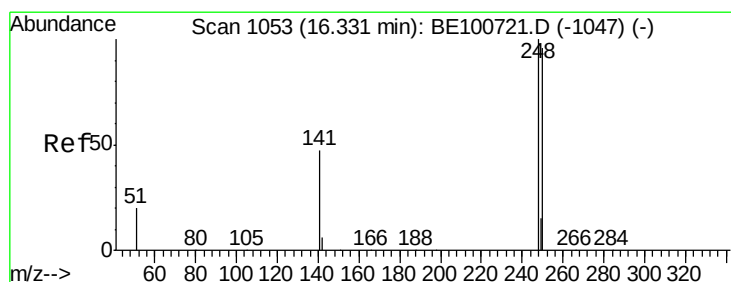
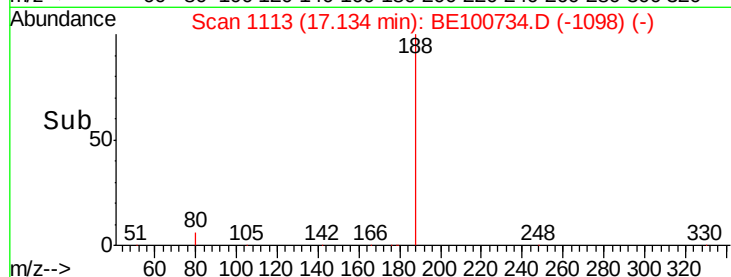
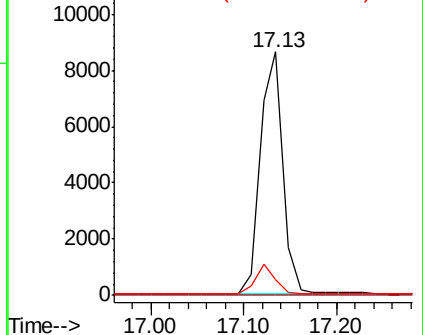
80 6.7 5.4 8.0



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: 0.233 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

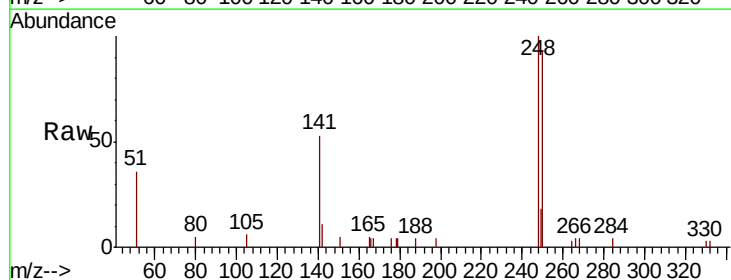
Tgt Ion:248 Resp: 1794

Ion Ratio Lower Upper

248 100

250 92.6 77.1 115.7

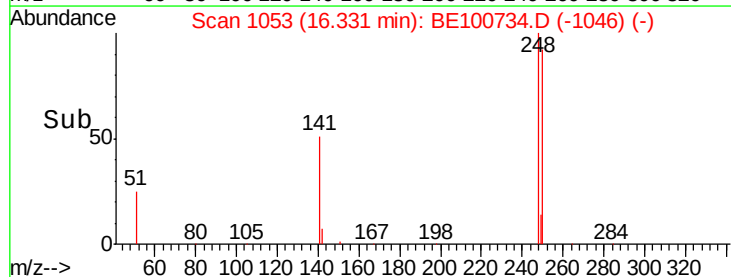
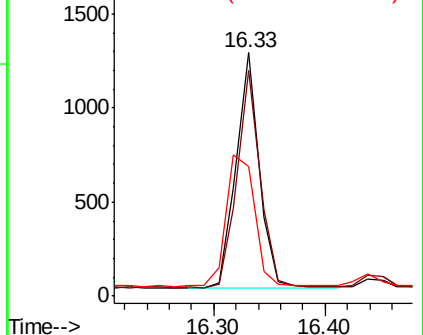
141 53.2 38.6 58.0

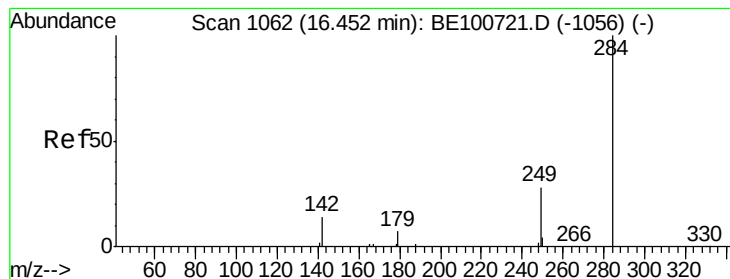


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.224 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

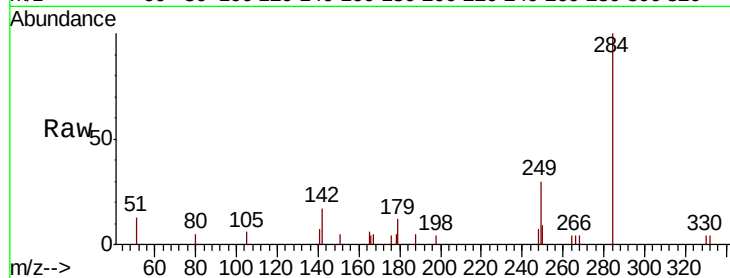
Tot Ion:284 Resp: 1680

Ion Ratio Lower Upper

284 100

142 36.9 28.2 42.2

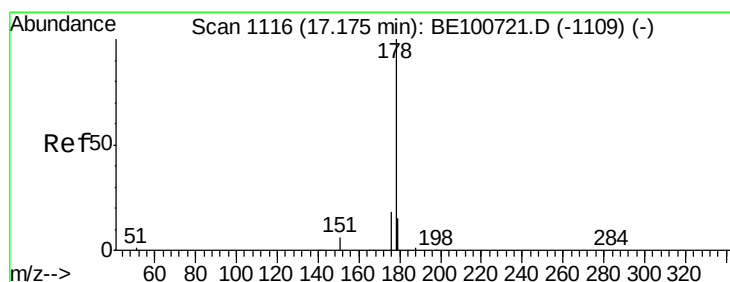
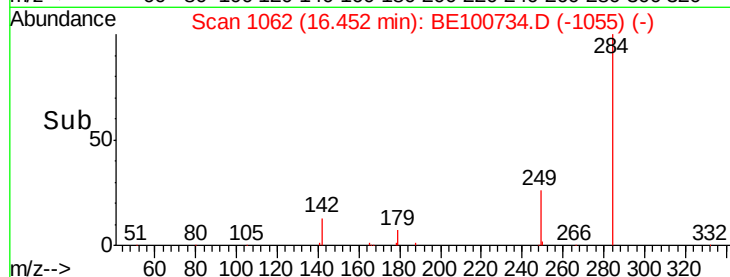
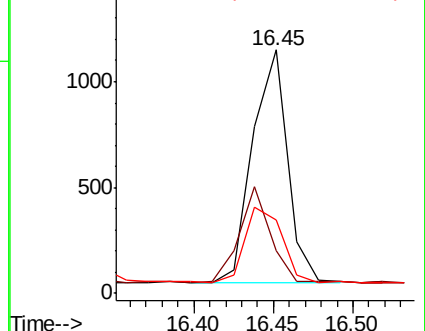
249 34.5 26.5 39.7



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: 0.259 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

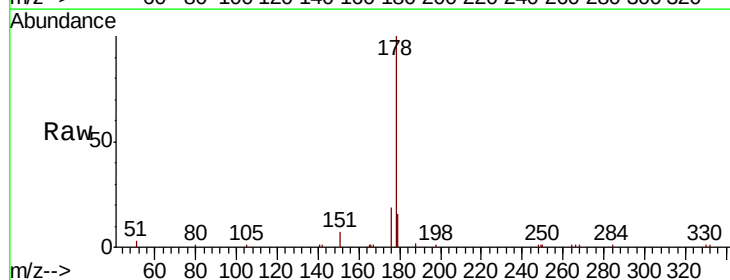
Tgt Ion:178 Resp: 10304

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

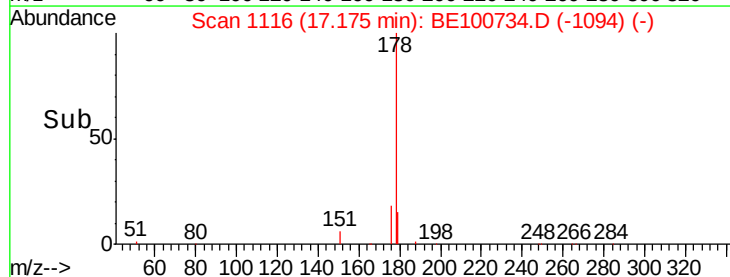
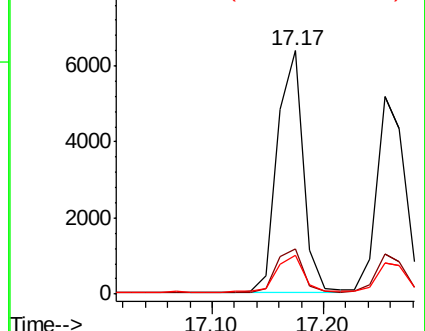
179 15.6 12.6 18.8

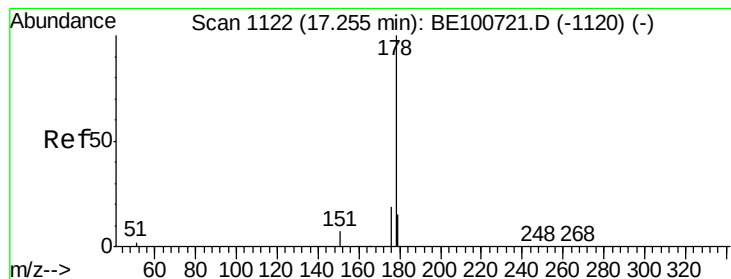


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.253 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

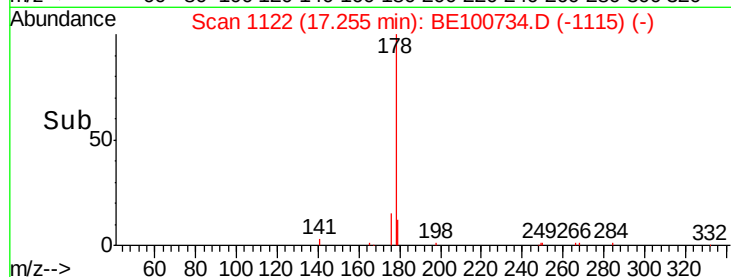
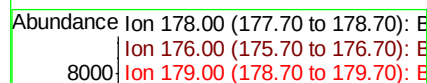
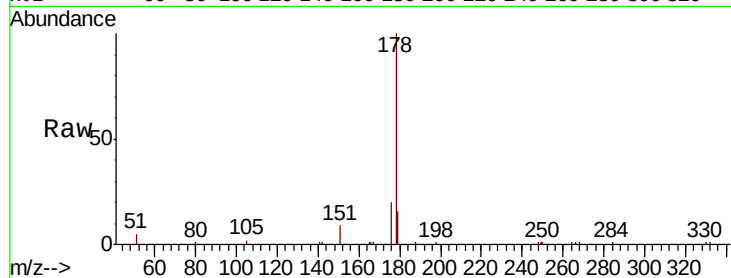
Tot Ion:178 Resp: 8969

Ion Ratio Lower Upper

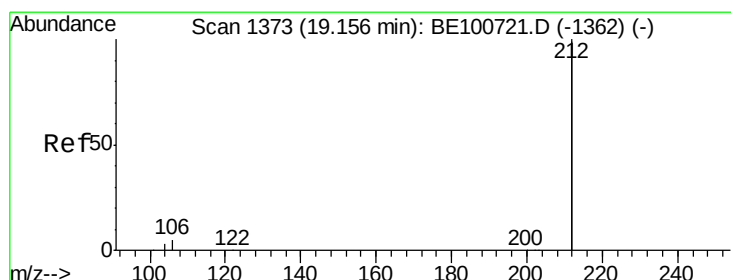
178 100

176 19.0 14.6 21.8

179 15.6 12.6 18.8



Time-->



#25

Fluoranthene-d10

Concen: 0.277 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

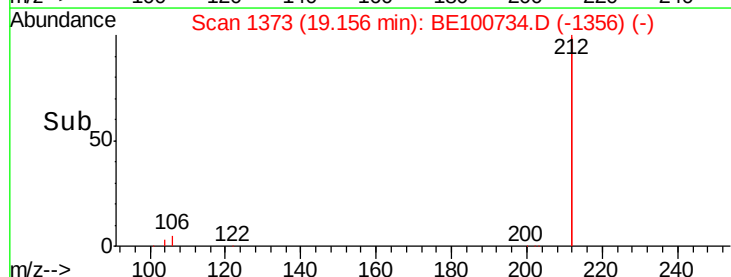
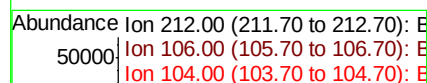
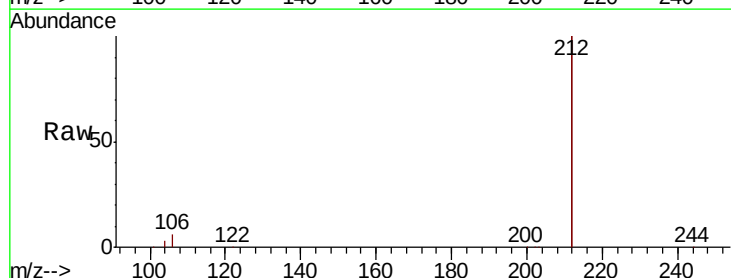
Tgt Ion:212 Resp: 53349

Ion Ratio Lower Upper

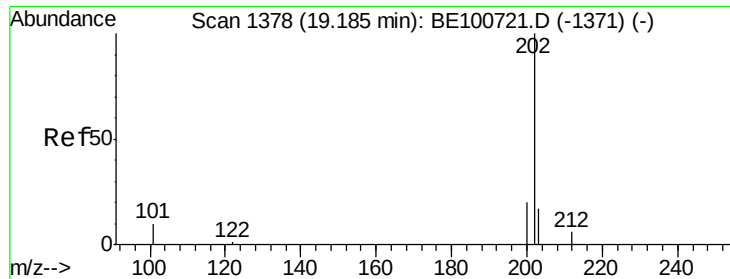
212 100

106 2.7 2.2 3.4

104 1.5 1.2 1.8



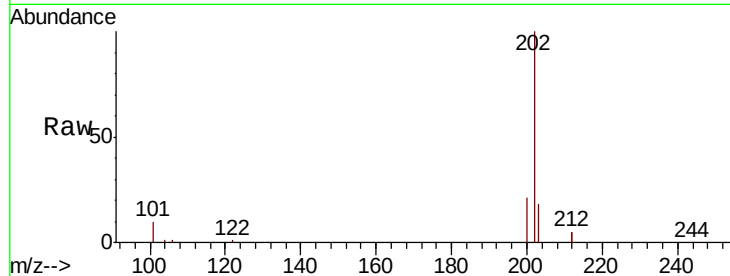
Time-->



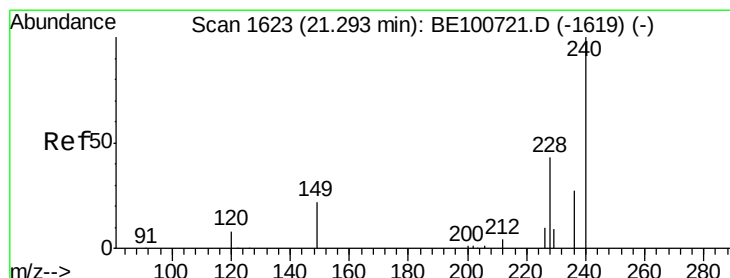
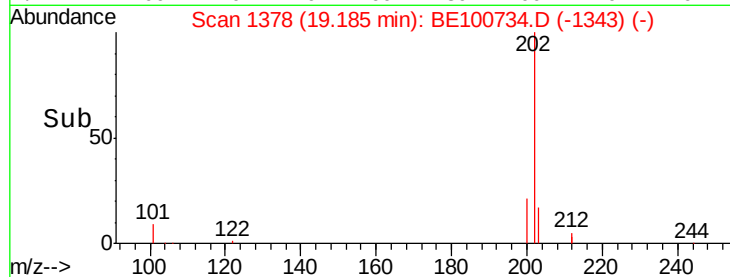
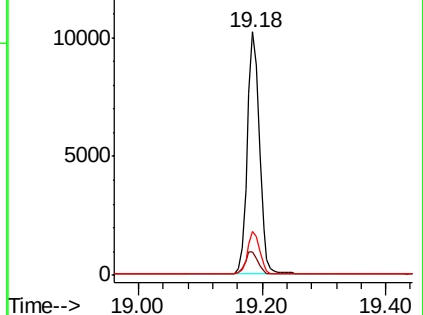
#26
 Fluoranthene
 Concen: 0.261 ng
 RT: 19.18 min Scan# 1378
 Delta R.T. -0.00 min
 Lab File: BE100734.D
 Acq: 15 Nov 2019 13:11

Instrument :
 BNA_E
 ClientSampleId :
 PB124642BS

Tot Ion:202 Resp: 13875
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.6 12.8
 203 17.2 13.6 20.4

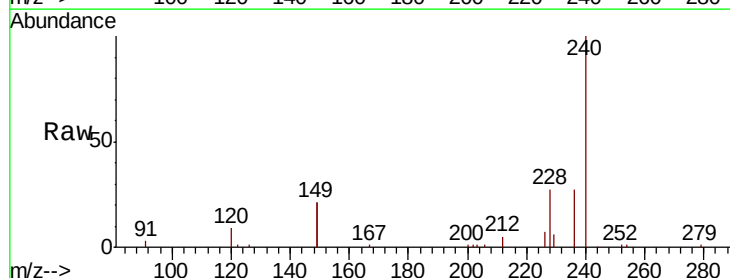


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

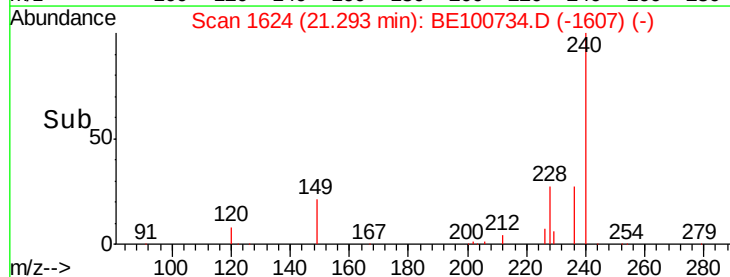
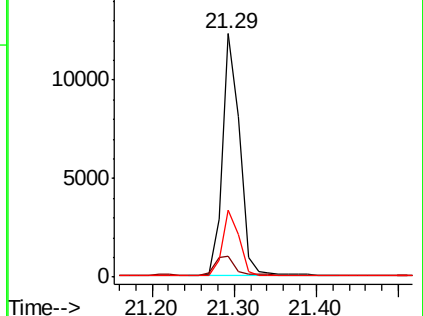


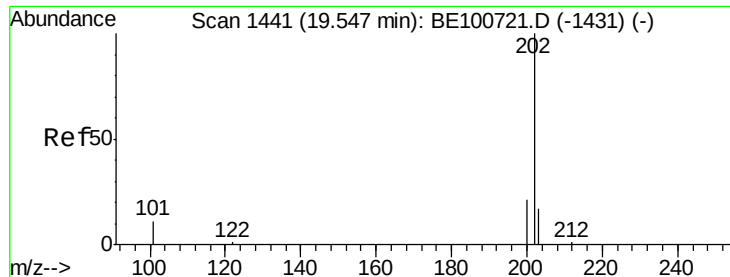
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BE100734.D
 Acq: 15 Nov 2019 13:11

Tgt Ion:240 Resp: 18145
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.4 11.0
 236 27.4 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

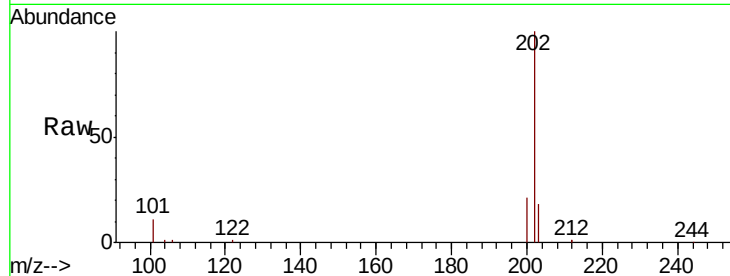




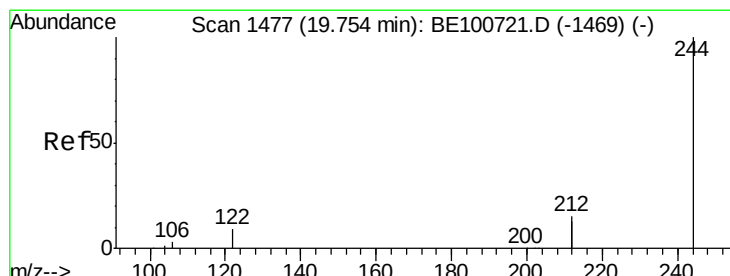
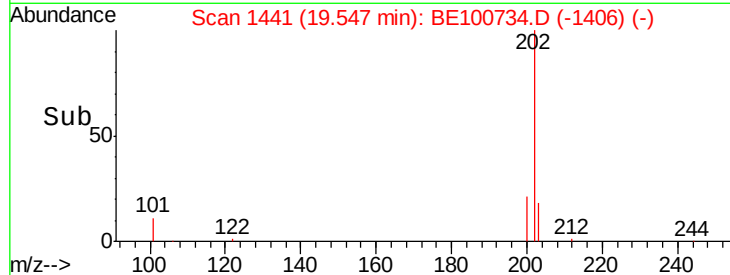
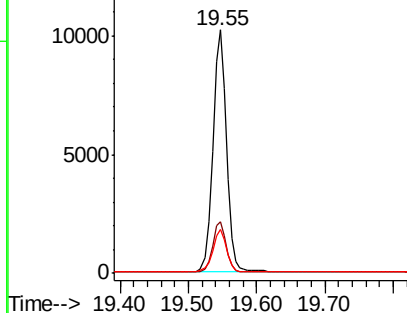
#28
Pvrene
Concen: 0.283 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Instrument :
BNA_E
ClientSampleId :
PB124642BS

Tot Ion:202 Resp: 14300
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.0 21.0

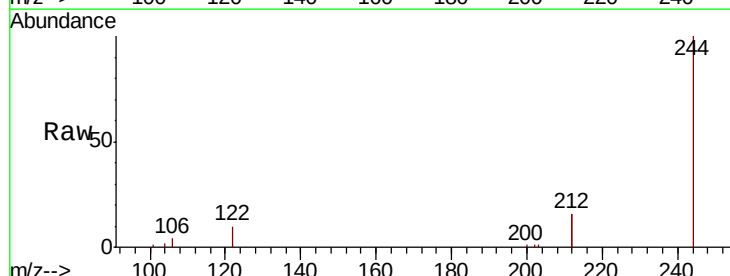


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

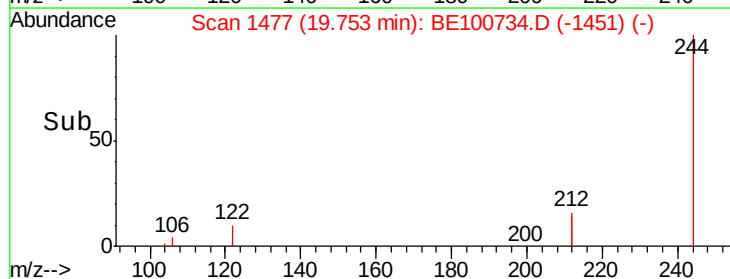
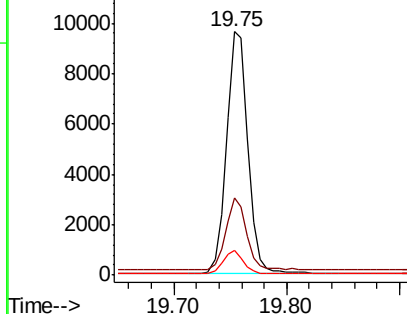


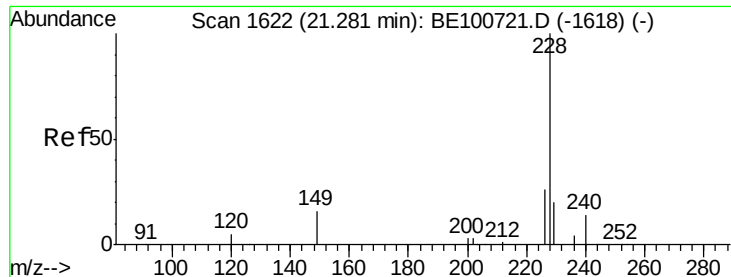
#29
Terphenyl-d14
Concen: 0.295 ng
RT: 19.75 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Tgt Ion:244 Resp: 12786
Ion Ratio Lower Upper
244 100
212 31.6 24.3 36.5
122 10.2 7.6 11.4



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

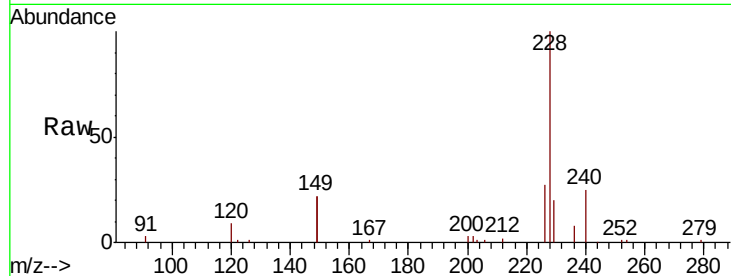




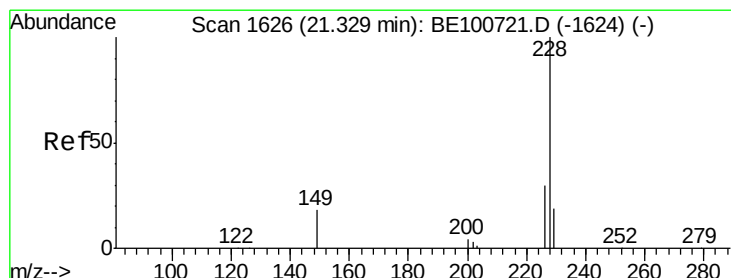
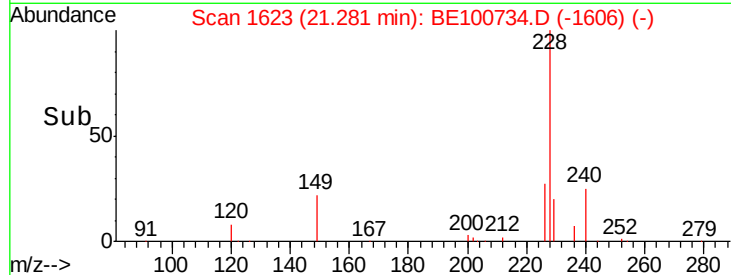
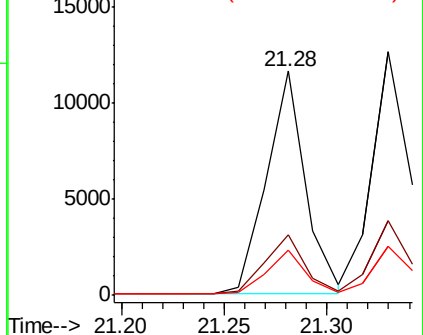
#30
Benzo(a)anthracene
Concen: 0.265 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Instrument :
BNA_E
ClientSampleId :
PB124642BS

Tot Ion:228 Resp: 15420
Ion Ratio Lower Upper
228 100
226 27.2 21.1 31.7
229 20.2 15.9 23.9

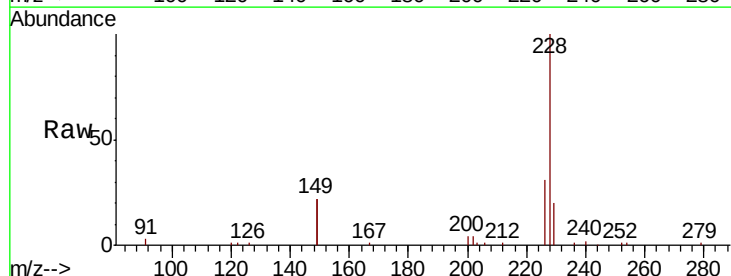


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

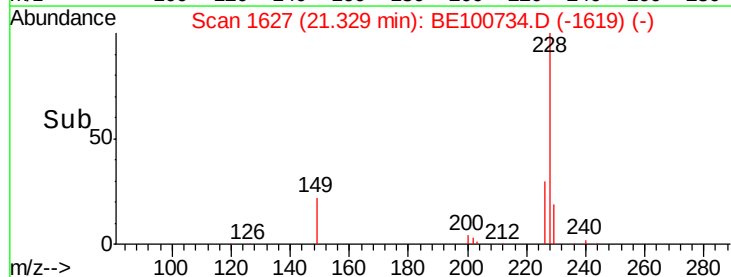
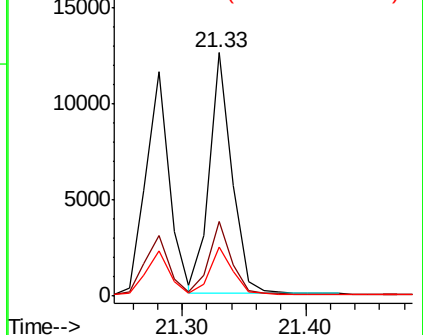


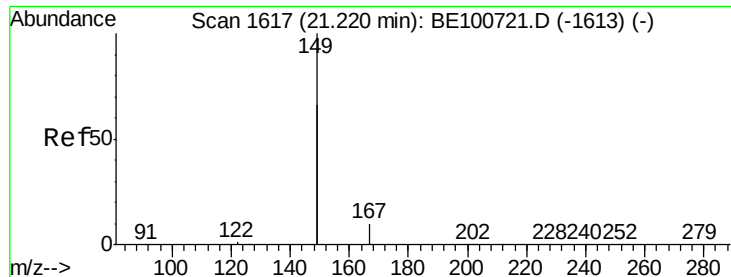
#31
Chrysene
Concen: 0.272 ng
RT: 21.33 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Tgt Ion:228 Resp: 16074
Ion Ratio Lower Upper
228 100
226 30.6 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: 0.237 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

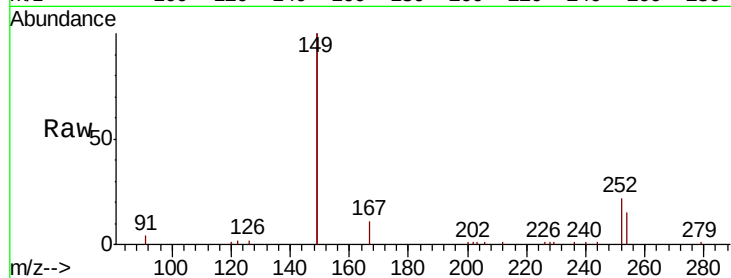
Tot Ion:149 Resp: 24531

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

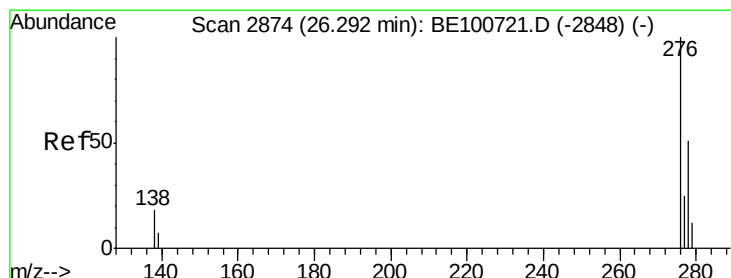
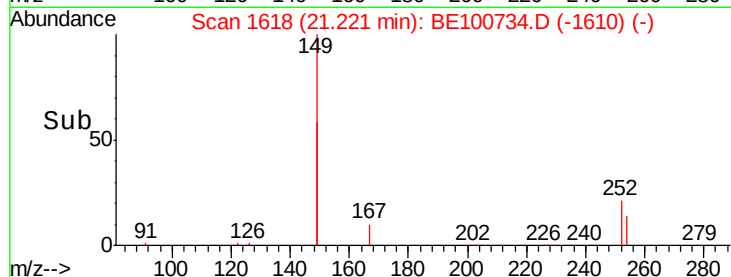
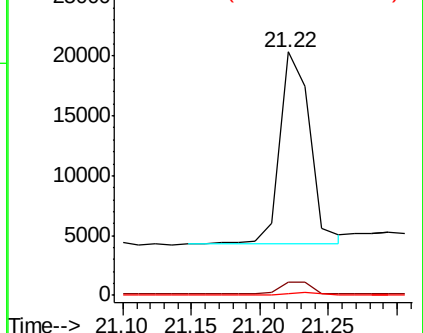
279 1.0 0.9 1.3



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: 0.271 ng

RT: 26.29 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

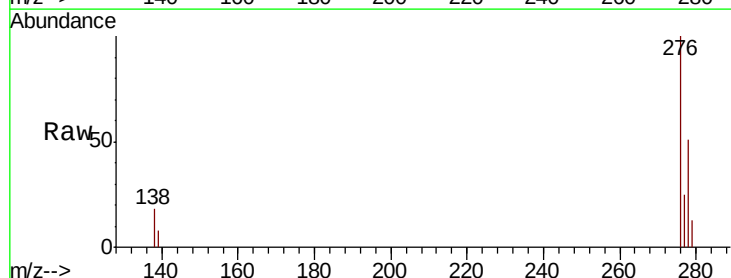
Tgt Ion:276 Resp: 18759

Ion Ratio Lower Upper

276 100

138 18.3 14.8 22.2

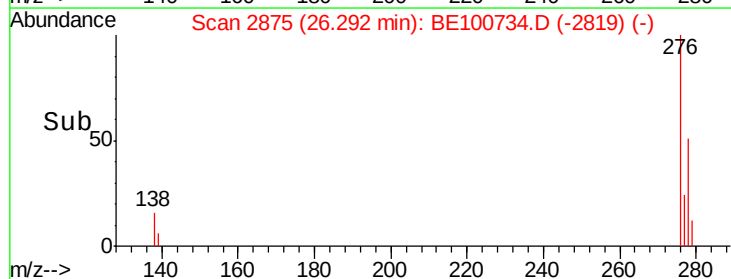
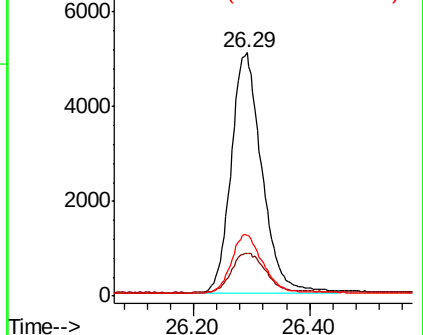
277 24.6 19.6 29.4

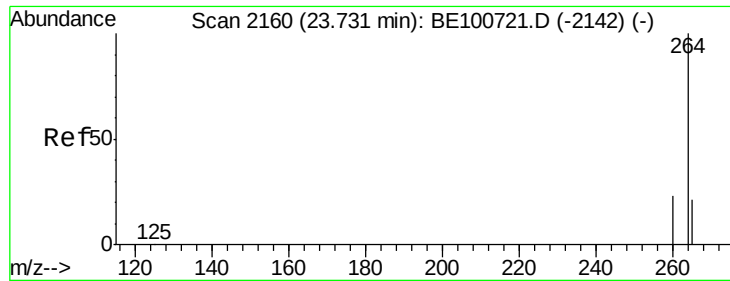


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

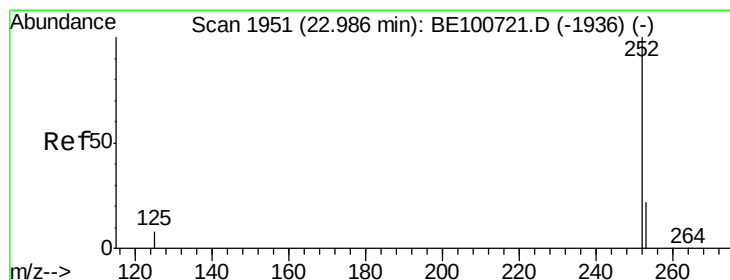
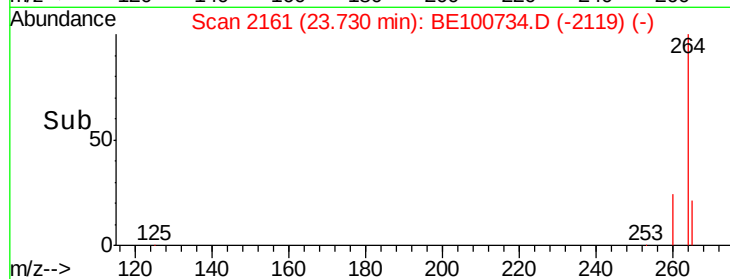
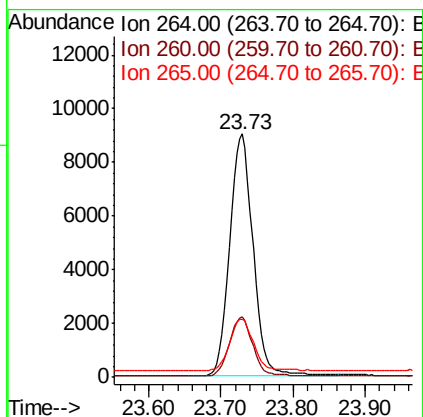
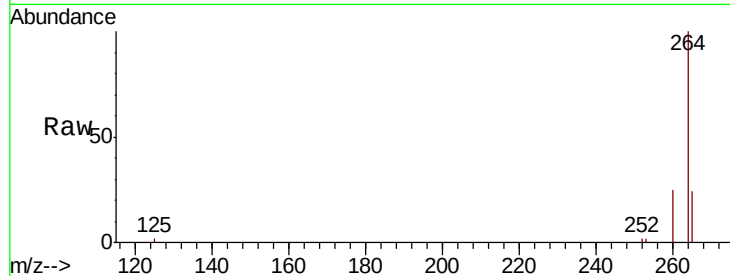




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

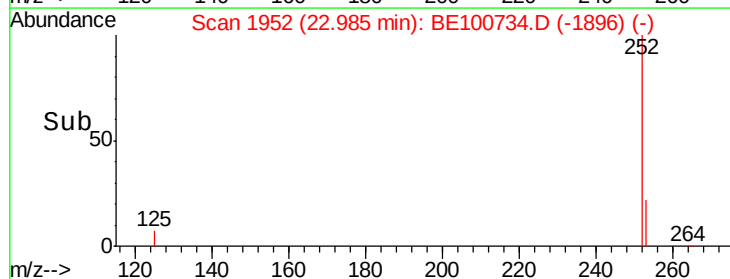
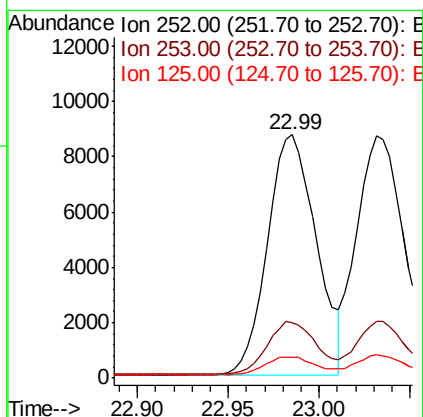
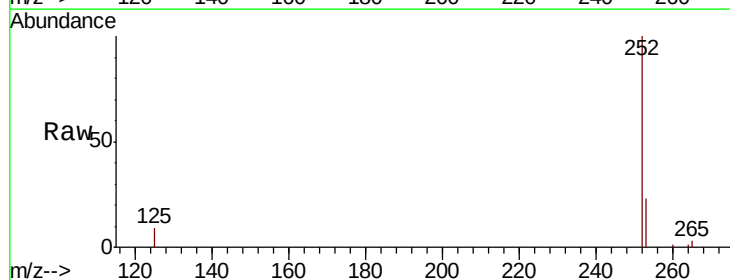
Instrument :
BNA_E
ClientSampleId :
PB124642BS

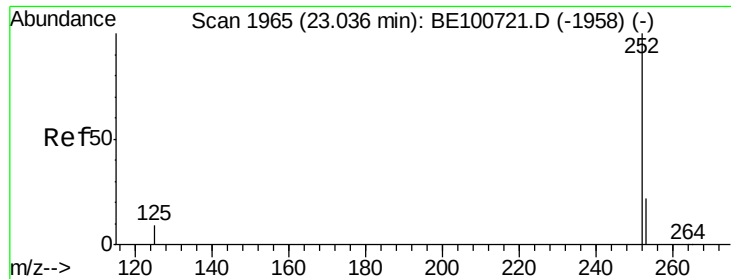
Tot Ion:264 Resp: 19740
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 23.7 19.7 29.5



#35
Benzo(b)fluoranthene
Concen: 0.282 ng
RT: 22.99 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Tgt Ion:252 Resp: 16221
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 8.8 7.0 10.4

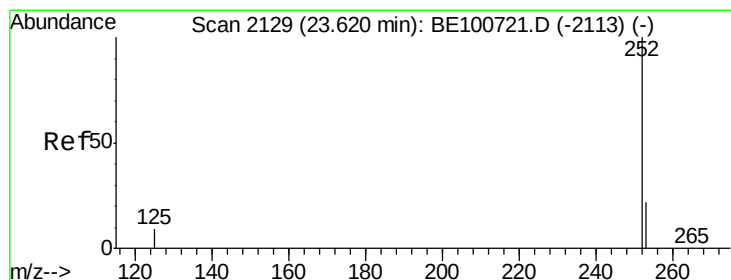
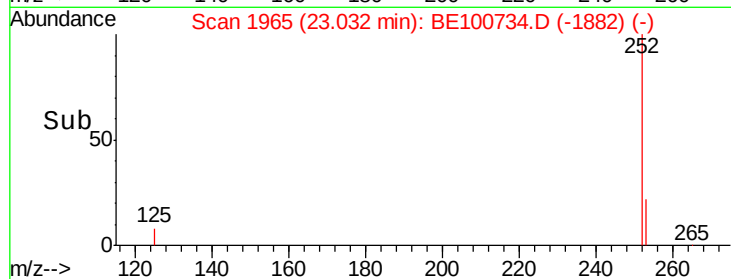
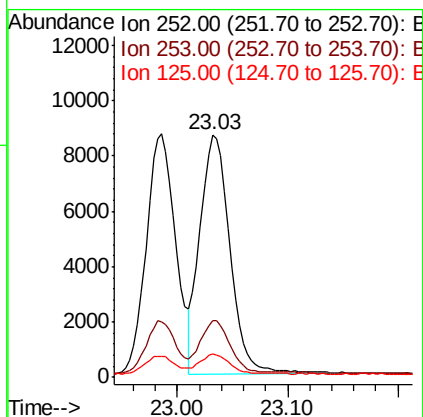
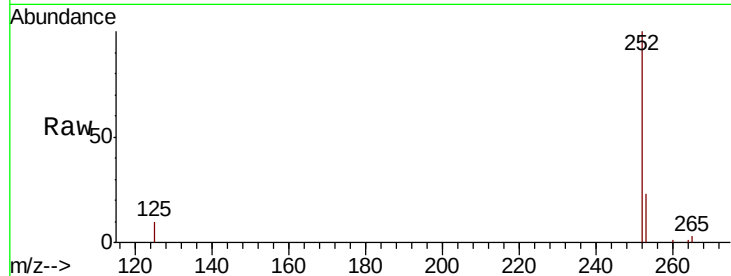




#36
Benzo(k)fluoranthene
Concen: 0.270 ng
RT: 23.03 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

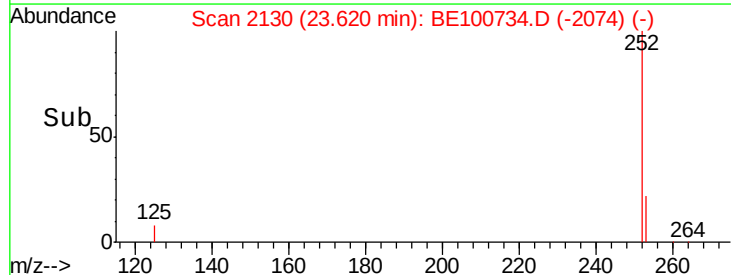
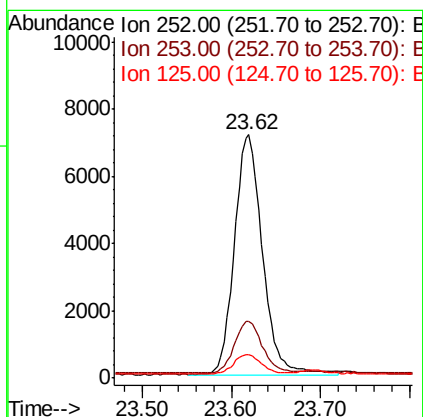
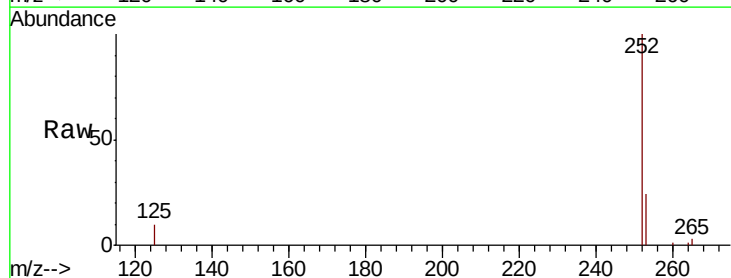
Instrument :
BNA_E
ClientSampleId :
PB124642BS

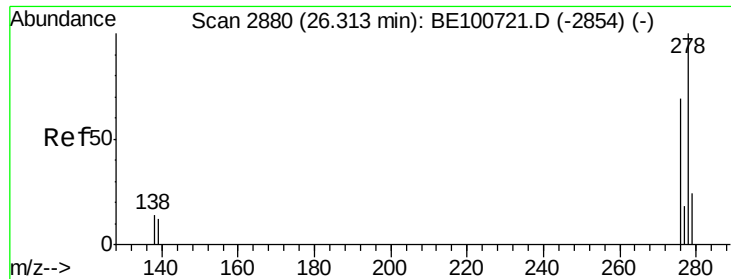
Tot Ion:252 Resp: 16305
Ion Ratio Lower Upper
252 100
253 23.3 18.6 27.8
125 9.5 7.6 11.4



#37
Benzo(a)pyrene
Concen: 0.291 ng
RT: 23.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE100734.D
Acq: 15 Nov 2019 13:11

Tgt Ion:252 Resp: 15643
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 9.7 7.9 11.9





#38

Dibenzo(a,h)anthracene

Concen: 0.280 ng

RT: 26.32 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

Instrument :

BNA_E

ClientSampleId :

PB124642BS

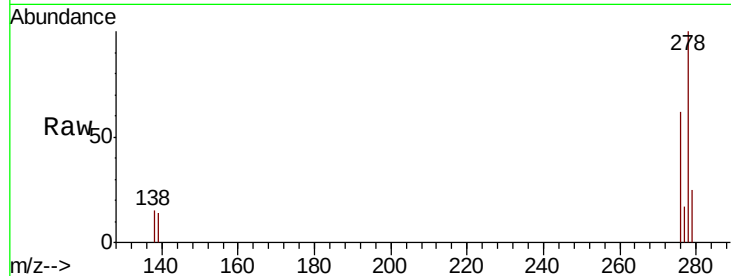
Tot Ion:278 Resp: 15690

Ion Ratio Lower Upper

278 100

139 13.6 10.3 15.5

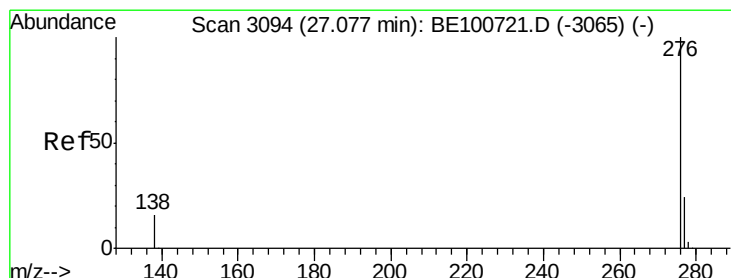
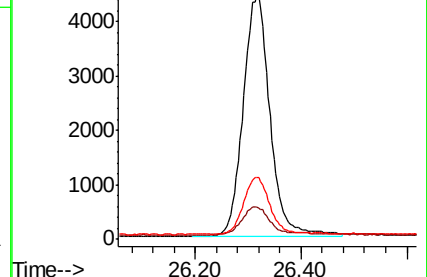
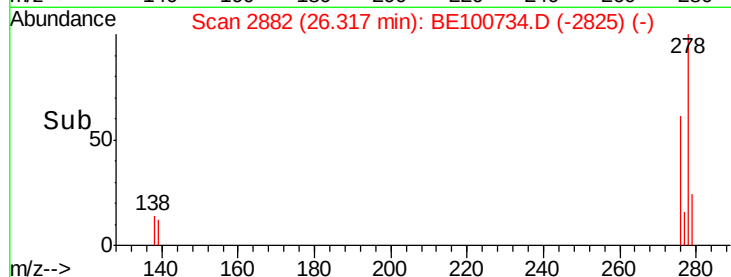
279 25.2 20.6 31.0



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: 0.294 ng

RT: 27.07 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BE100734.D

Acq: 15 Nov 2019 13:11

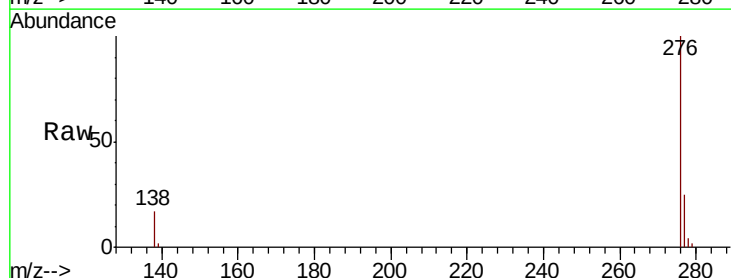
Tgt Ion:276 Resp: 16118

Ion Ratio Lower Upper

276 100

277 24.6 19.8 29.6

138 17.1 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

