

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
 Data File : BE100730.D
 Acq On : 15 Nov 2019 10:42
 Operator : JU
 Sample : PB124646BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BS

Quant Time: Nov 15 22:30:49 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	2784	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	11489	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	7121	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	17416	0.40	ng	0.00
27) Chrysene-d12	21.29	240	20125	0.40	ng	0.00
34) Perylene-d12	23.73	264	21687	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	2202	0.27	ng	0.00
5) Phenol-d6	6.94	99	2251	0.20	ng	0.00
8) Nitrobenzene-d5	8.91	82	3431	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	12038	0.66	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	2	0.01	ng	-0.04
15) 2-Fluorobiphenyl	13.03	172	12164	0.47	ng	0.00
25) Fluoranthene-d10	19.16	212	94360	0.41	ng	0.00
29) Terphenyl-d14	19.75	244	22604	0.47	ng	0.00

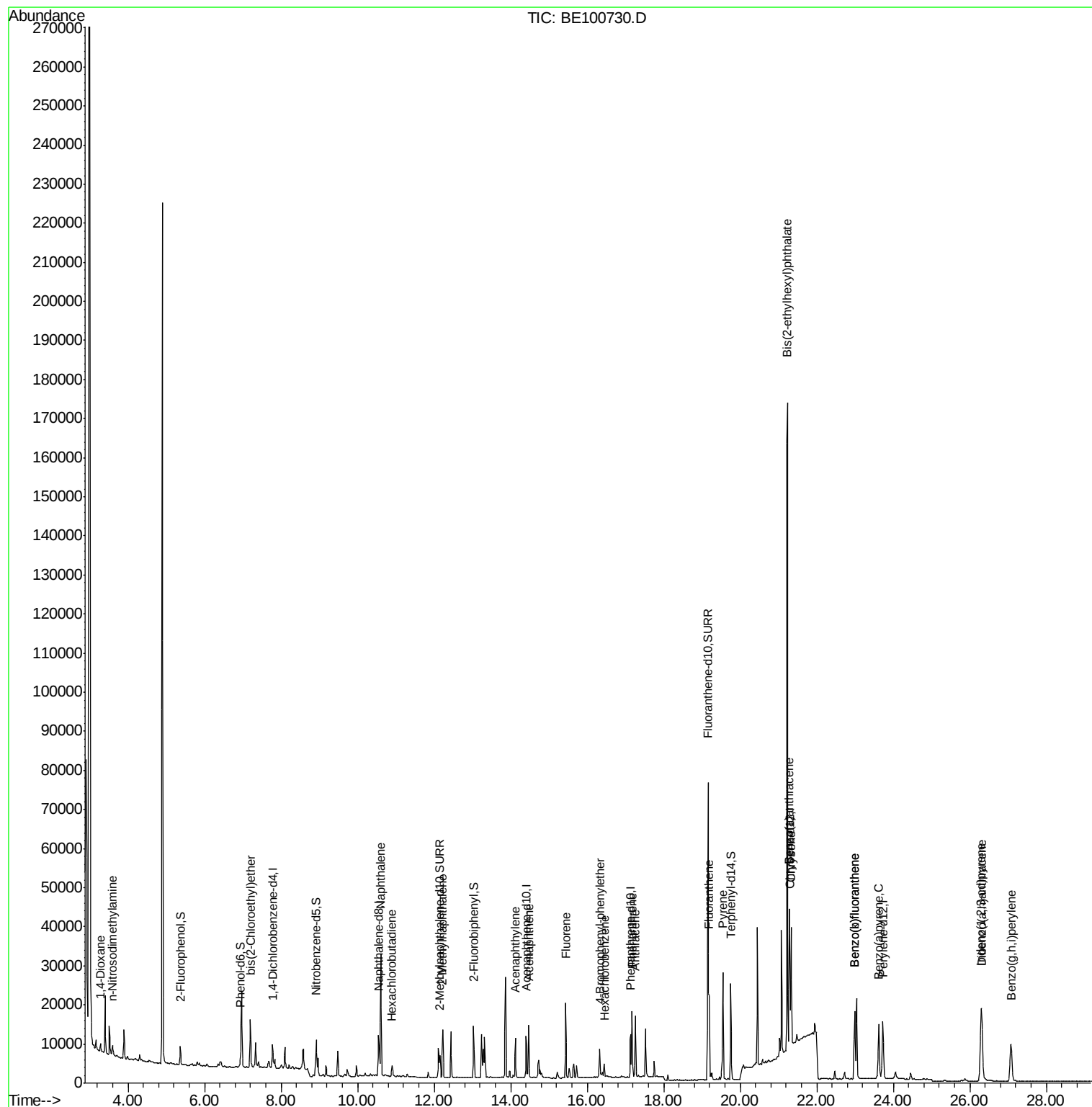
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	1113	0.229	ng	# 61
3) n-Nitrosodimethylamine	3.59	42	1441	0.299	ng	# 83
6) bis(2-Chloroethyl)ether	7.19	93	3991	0.397	ng	94
9) Naphthalene	10.60	128	48503	0.407	ng	100
10) Hexachlorobutadiene	10.90	225	1770	0.322	ng	98
12) 2-Methylnaphthalene	12.22	142	8303	0.409	ng	96
16) Acenaphthylene	14.13	152	11799	0.410	ng	98
17) Acenaphthene	14.47	154	7619	0.403	ng	99
18) Fluorene	15.43	166	10497	0.406	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	4562	0.496	ng	99
21) Hexachlorobenzene	16.45	284	3011	0.337	ng	97
23) Phenanthrene	17.17	178	19179	0.404	ng	100
24) Anthracene	17.25	178	16940	0.399	ng	100
26) Fluoranthene	19.18	202	24648	0.389	ng	98
28) Pyrene	19.55	202	25955	0.464	ng	99
30) Benzo(a)anthracene	21.28	228	26239	0.406	ng	100
31) Chrysene	21.33	228	26123	0.398	ng	99
32) Bis(2-ethylhexyl)phthalate	21.23	149	232491	2.028	ng	99
33) Indeno(1,2,3-cd)pyrene	26.29	276	29331	0.382	ng	100
35) Benzo(b)fluoranthene	22.99	252	25722	0.406	ng	99
36) Benzo(k)fluoranthene	22.99	252	25722	0.388	ng	100
37) Benzo(a)pyrene	23.62	252	24145	0.409	ng	99
38) Dibenzo(a,h)anthracene	26.31	278	24482	0.398	ng	99
39) Benzo(g,h,i)perylene	27.07	276	24452	0.405	ng	100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111519\
Data File : BE100730.D
Acq On : 15 Nov 2019 10:42
Operator : JU
Sample : PB124646BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB124646BS

Quant Time: Nov 15 22:30:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

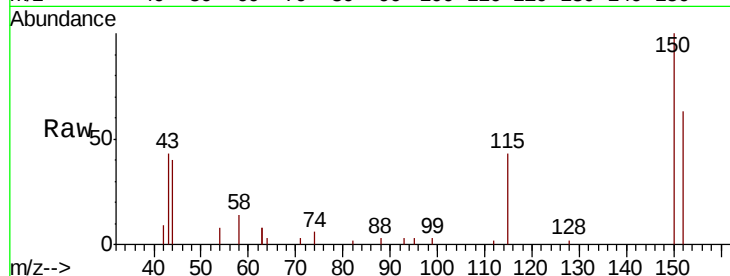
Tot Ion:152 Resp: 2784

Ion Ratio Lower Upper

152 100

150 159.5 123.4 185.0

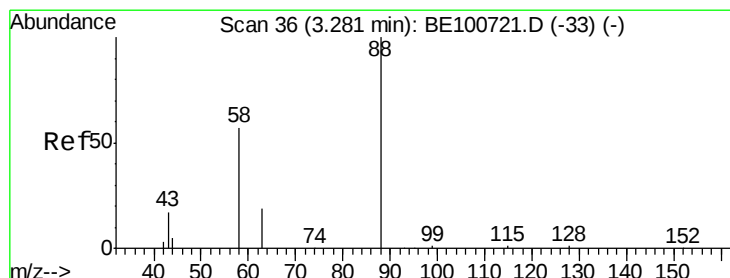
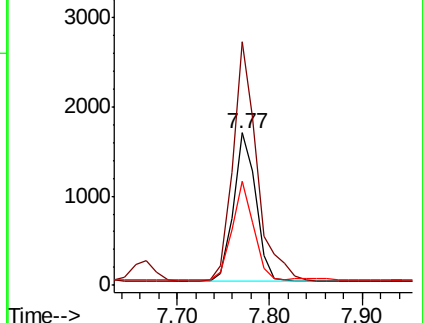
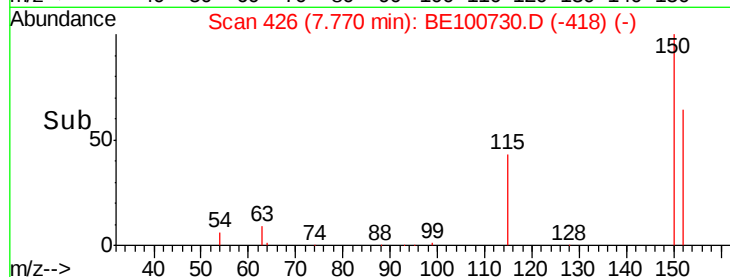
115 68.5 52.1 78.1



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: 0.229 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

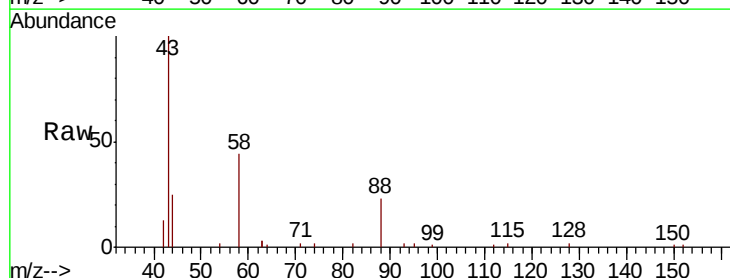
Tgt Ion: 88 Resp: 1113

Ion Ratio Lower Upper

88 100

58 76.5 69.8 104.8

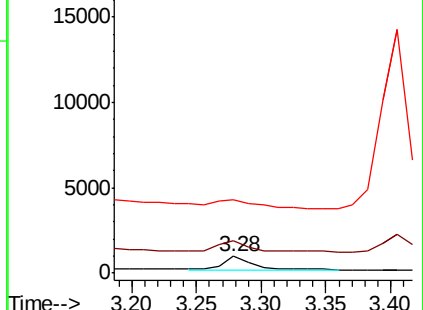
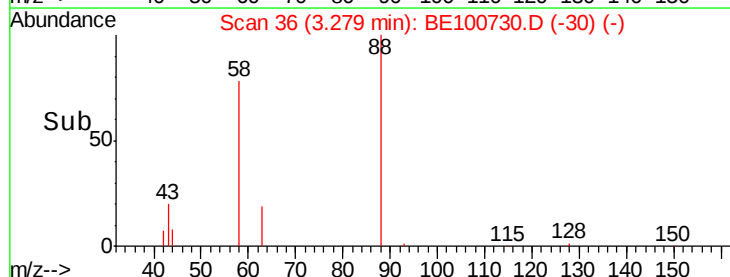
43 95.8 27.0 40.4#

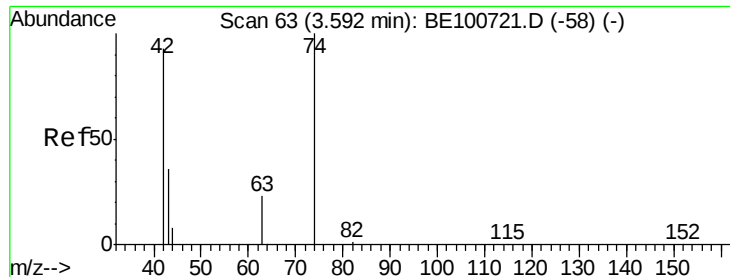


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.299 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

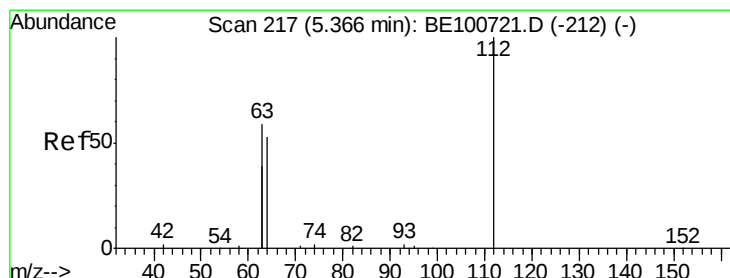
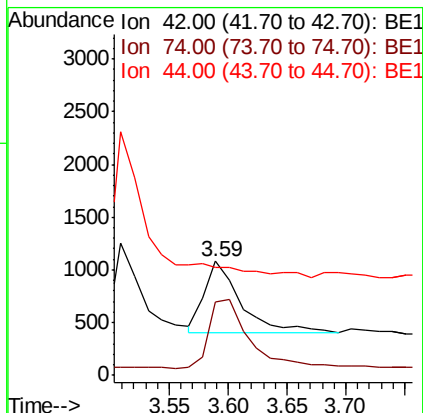
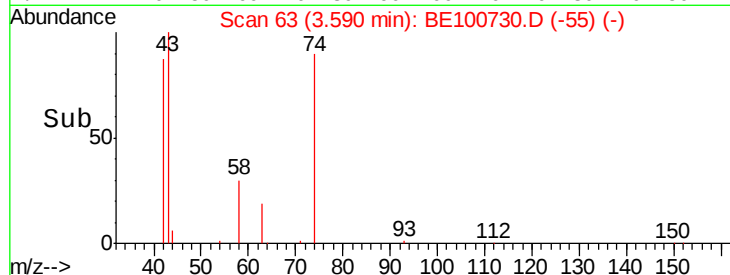
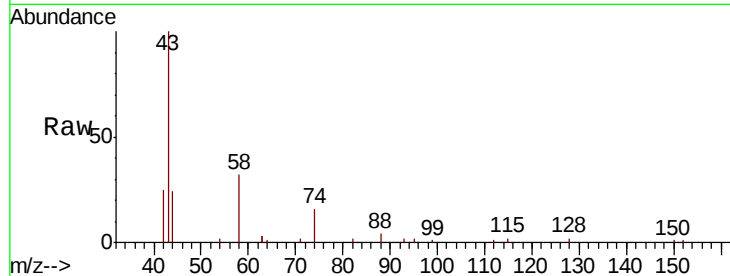
Tot Ion: 42 Resp: 1441

Ion Ratio Lower Upper

42 100

74 108.0 99.7 149.5

44 0.0 11.8 17.8#



#4

2-Fluorophenol

Concen: 0.271 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

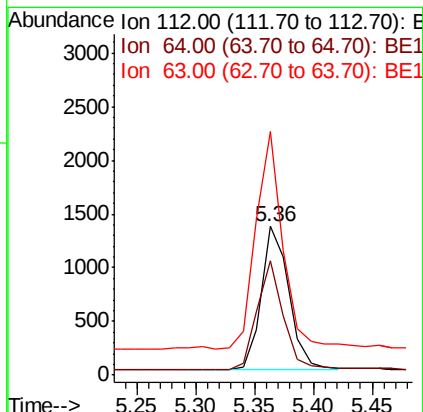
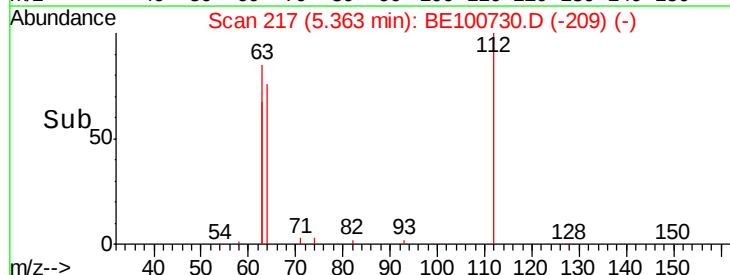
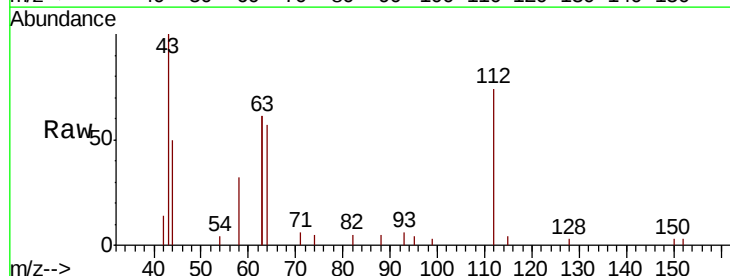
Tgt Ion: 112 Resp: 2202

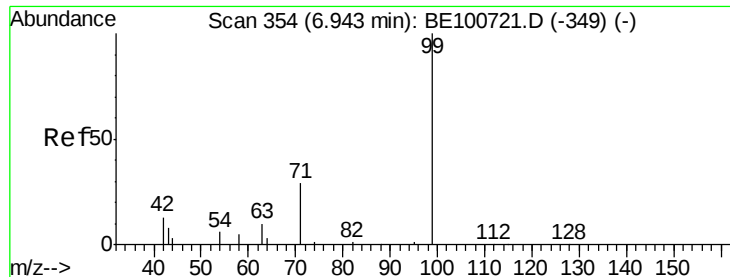
Ion Ratio Lower Upper

112 100

64 70.8 58.3 87.5

63 145.9 115.4 173.2





#5

Phenol-d6

Concen: 0.196 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

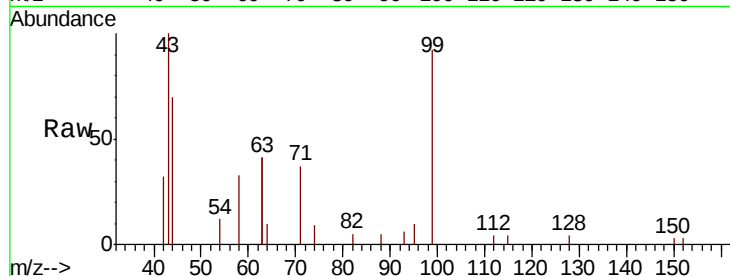
Tot Ion: 99 Resp: 2251

Ion Ratio Lower Upper

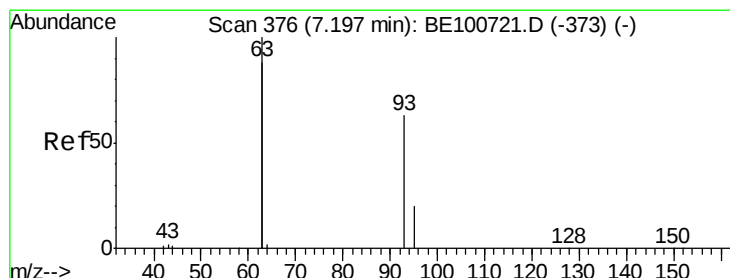
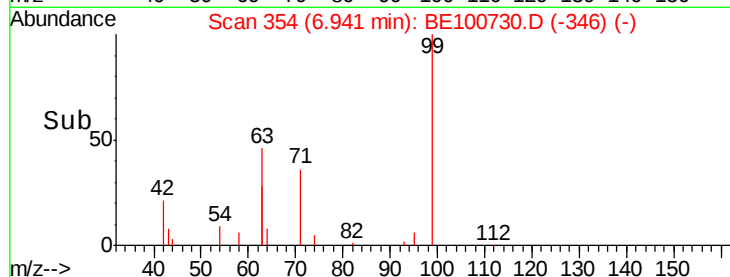
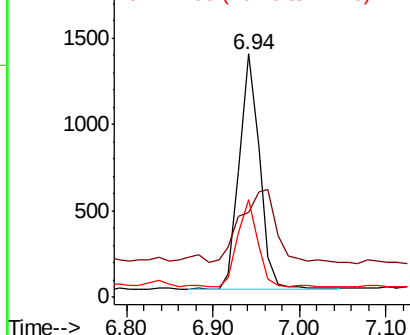
99 100

42 0.0 17.8 26.6#

71 36.0 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: 0.397 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

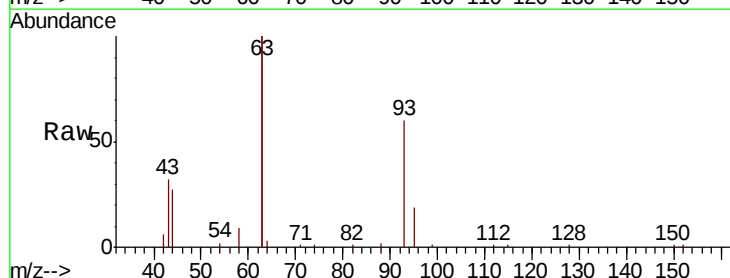
Tgt Ion: 93 Resp: 3991

Ion Ratio Lower Upper

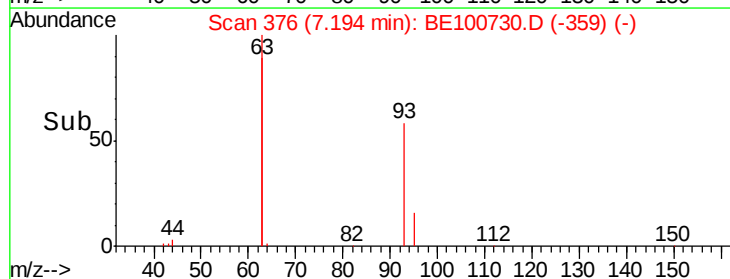
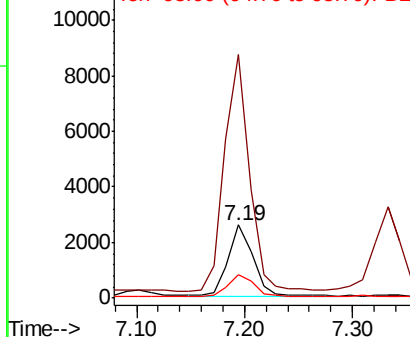
93 100

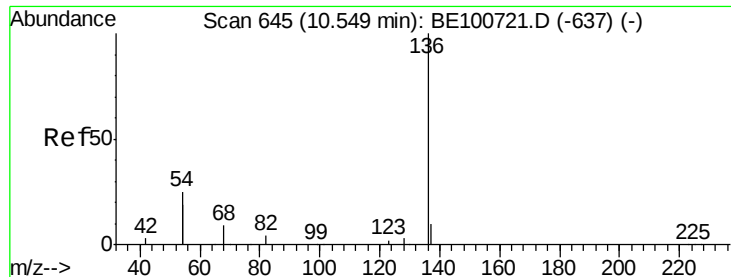
63 338.4 260.7 391.1

95 31.7 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: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

Tot Ion:136 Resp: 11489

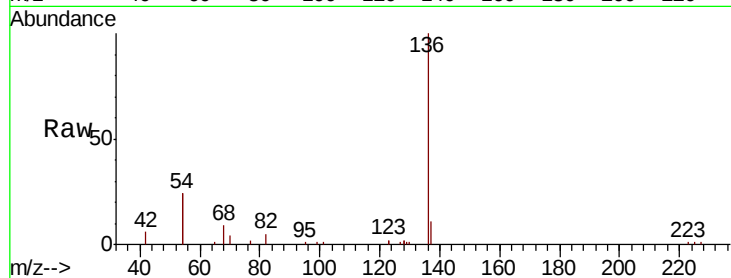
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 47.1 39.0 58.6

68 9.3 7.8 11.8

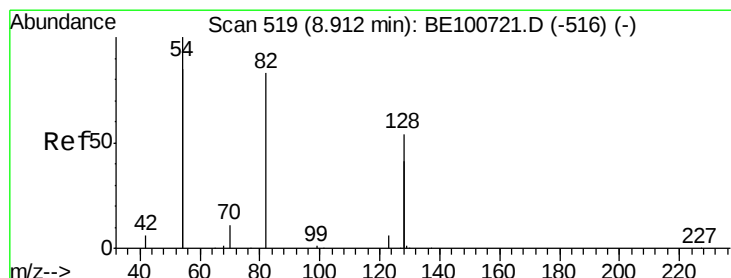
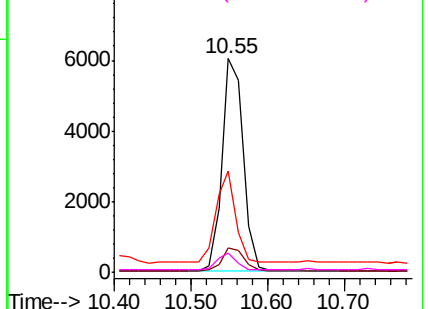
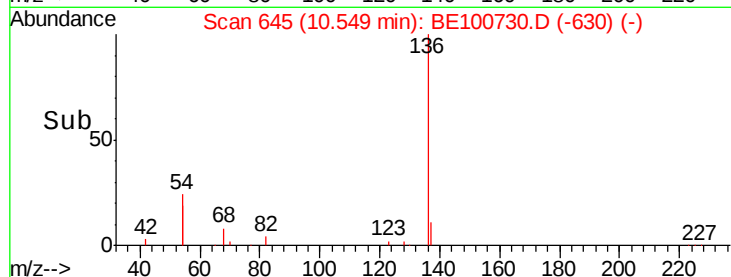


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.351 ng

RT: 8.91 min Scan# 519

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

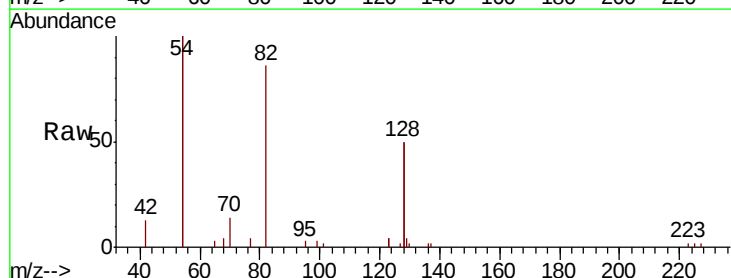
Tgt Ion: 82 Resp: 3431

Ion Ratio Lower Upper

82 100

128 117.0 99.6 149.4

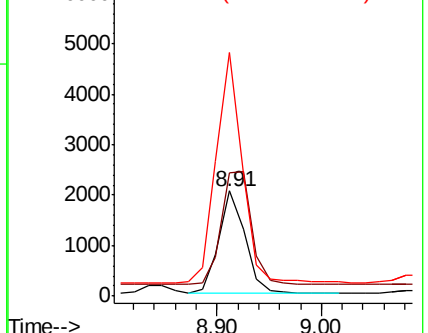
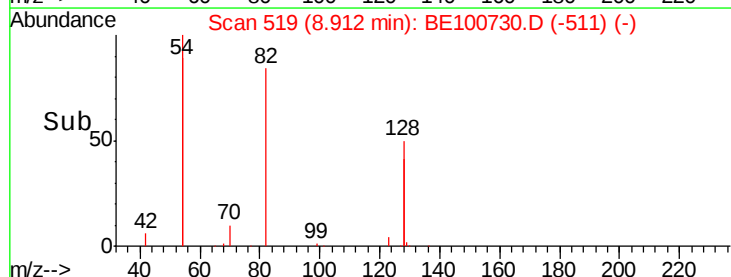
54 231.8 183.8 275.8

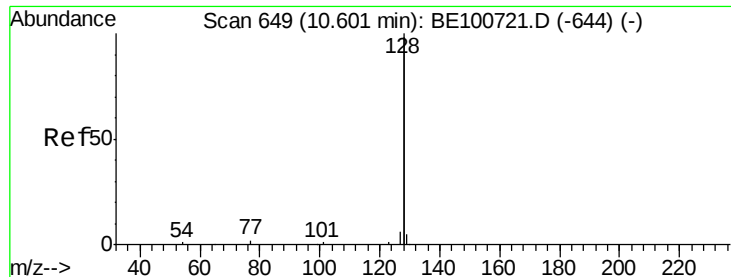


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.407 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

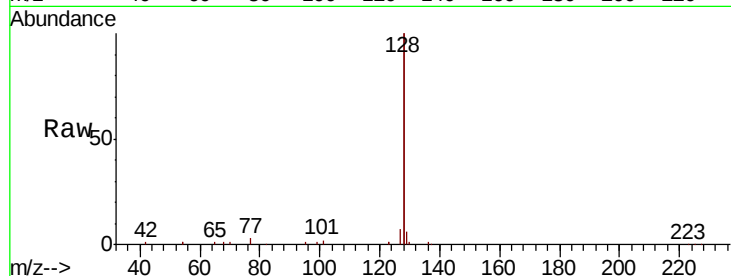
Tot Ion:128 Resp: 48503

Ion Ratio Lower Upper

128 100

129 2.9 2.4 3.6

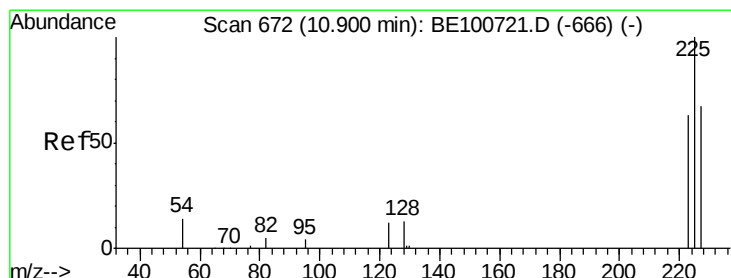
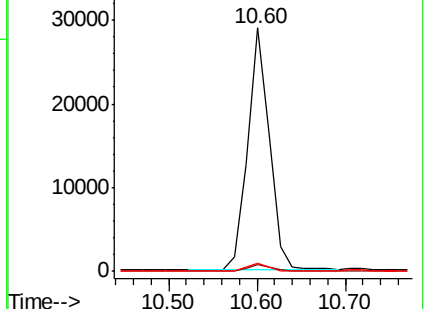
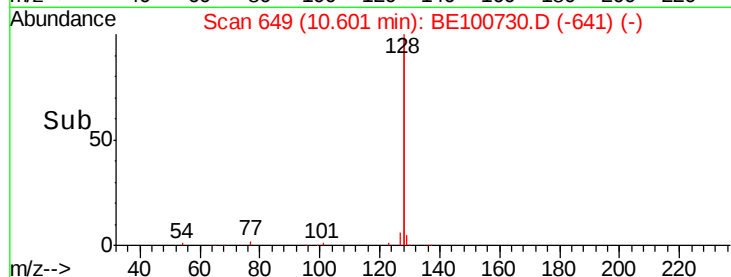
127 3.4 2.7 4.1



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: 0.322 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

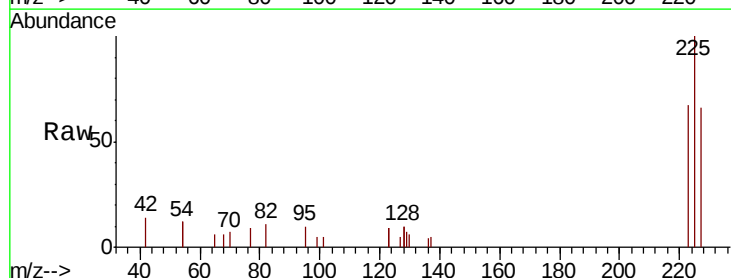
Tgt Ion:225 Resp: 1770

Ion Ratio Lower Upper

225 100

223 62.2 50.6 76.0

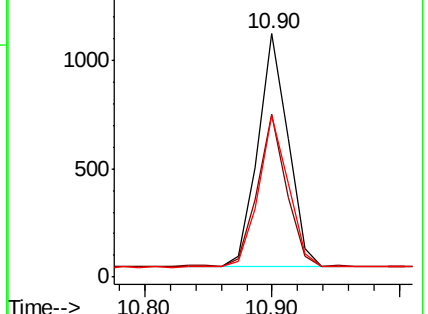
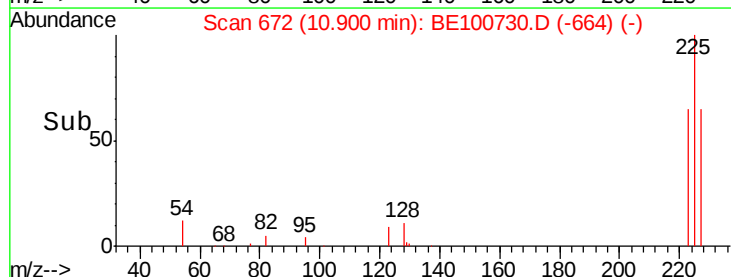
227 64.2 53.0 79.6

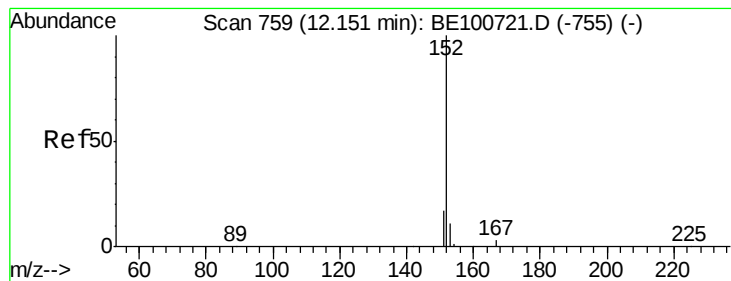


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.657 ng

RT: 12.15 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

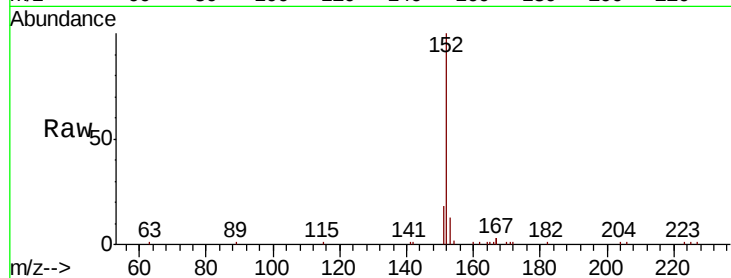
PB124646BS

Tot Ion:152 Resp: 12038

Ion Ratio Lower Upper

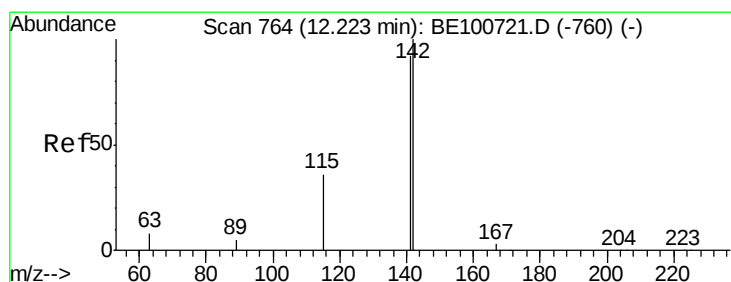
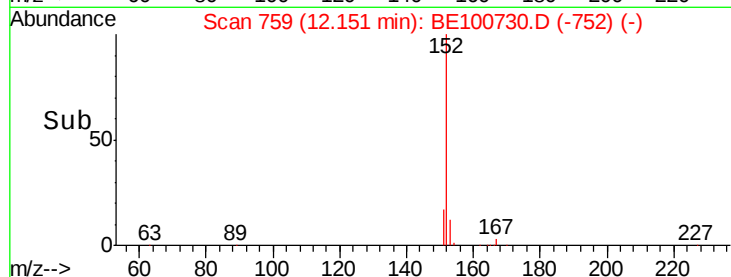
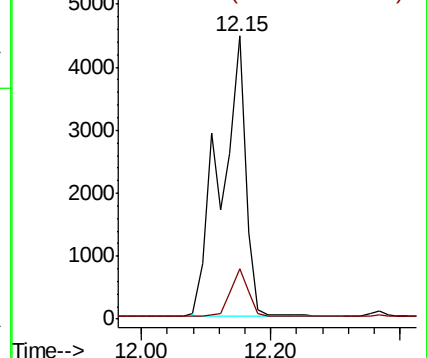
152 100

151 11.9 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: 0.409 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

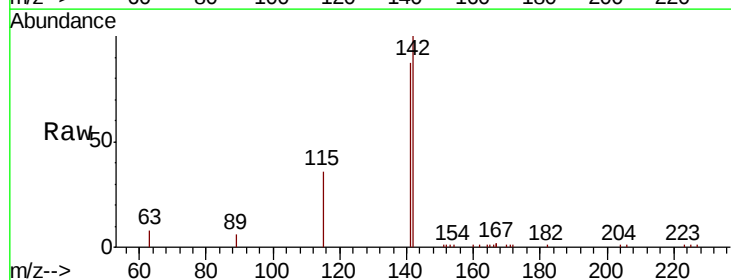
Tgt Ion:142 Resp: 8303

Ion Ratio Lower Upper

142 100

141 86.7 73.3 109.9

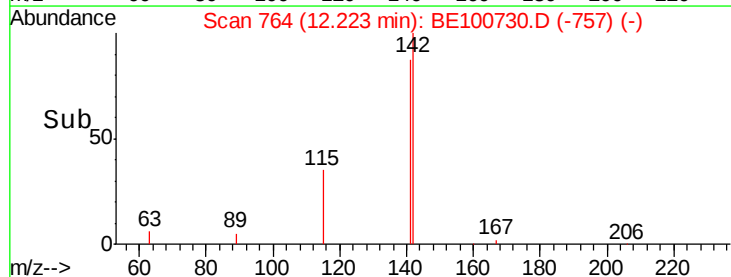
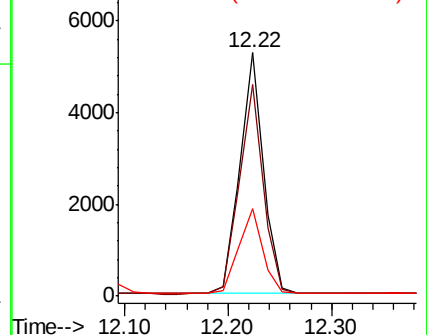
115 35.7 29.9 44.9

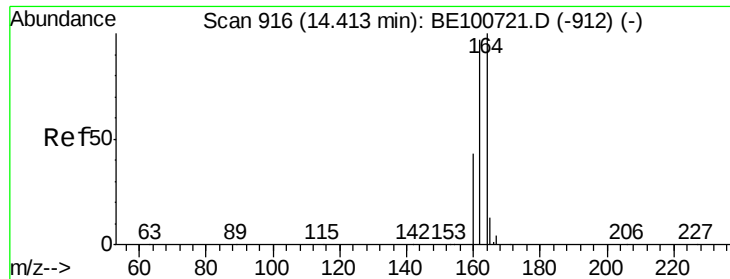


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

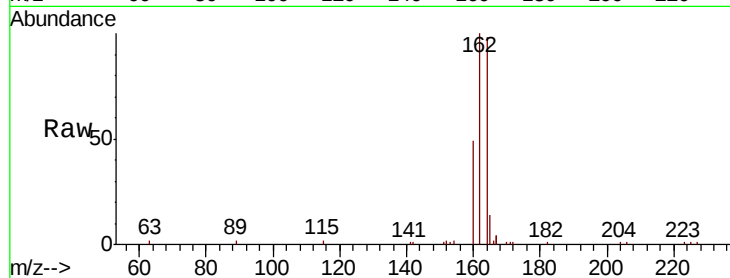




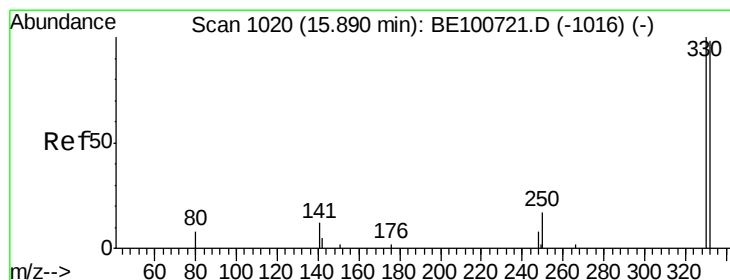
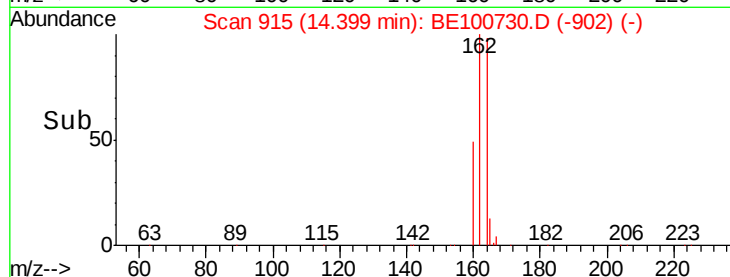
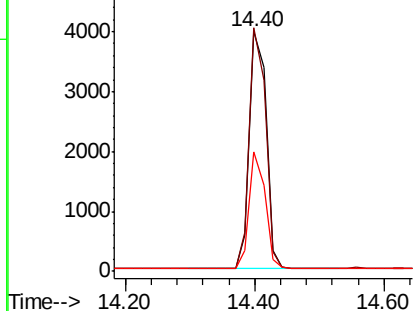
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.40 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BE100730.D
 Acq: 15 Nov 2019 10:42

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	77.8	116.8
160	49.9	35.3	52.9

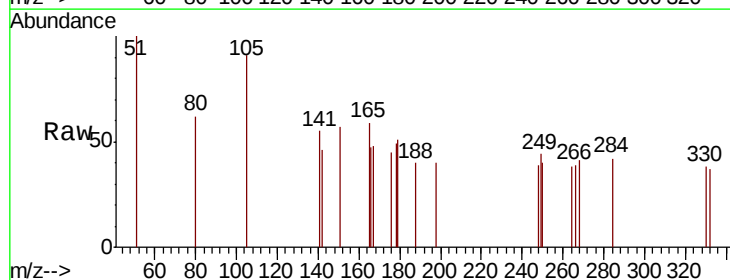


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

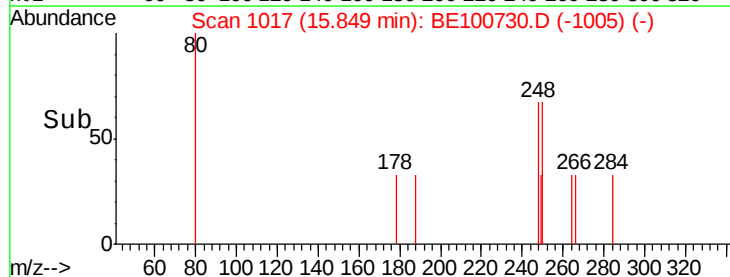
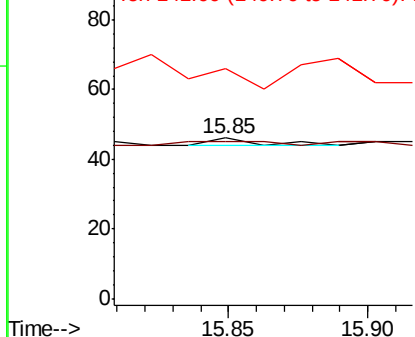


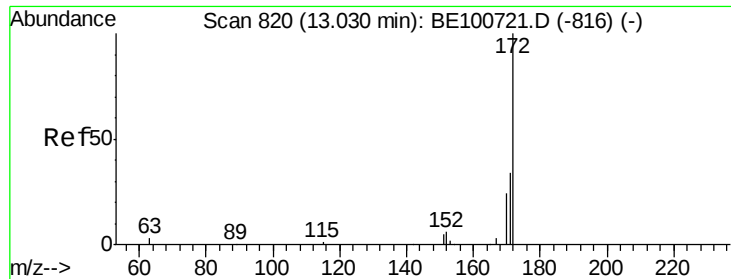
#14
 2,4,6-Tribromophenol
 Concen: 0.013 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.04 min
 Lab File: BE100730.D
 Acq: 15 Nov 2019 10:42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.0	85.0	127.6
141	0.0	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

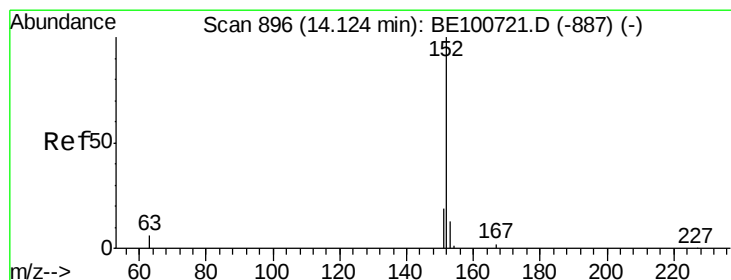
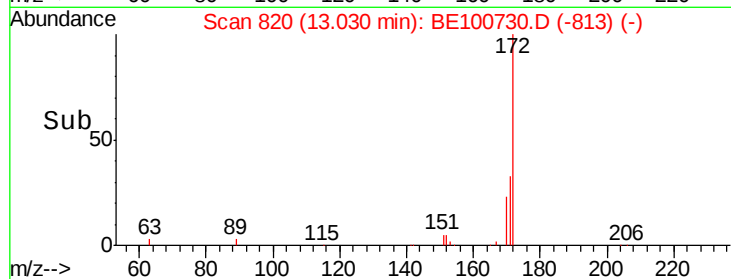
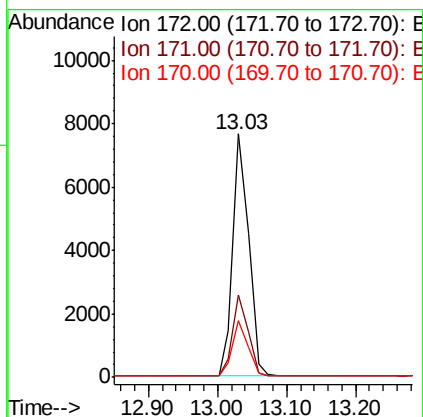
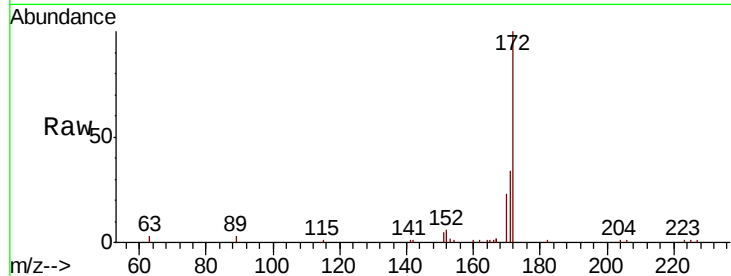




#15
2-Fluorobiphenyl
Concen: 0.466 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

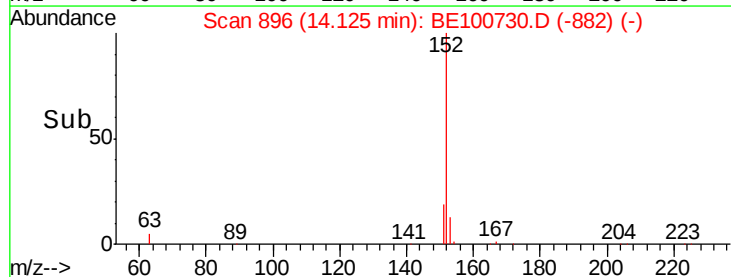
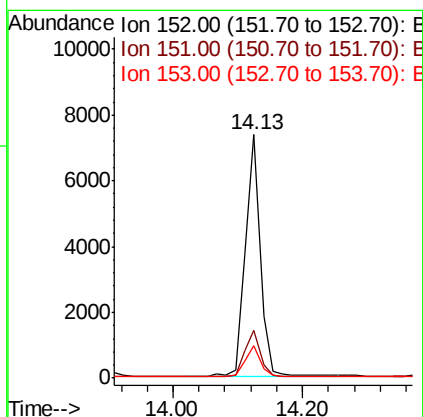
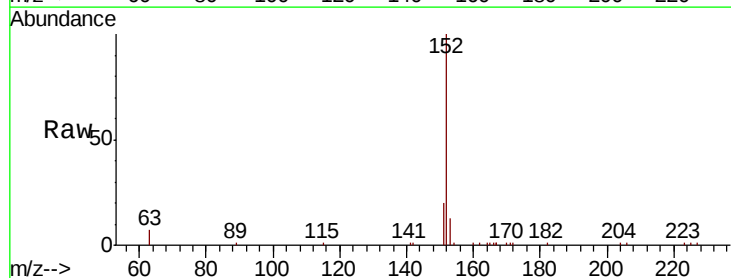
Instrument :
BNA_E
ClientSampleId :
PB124646BS

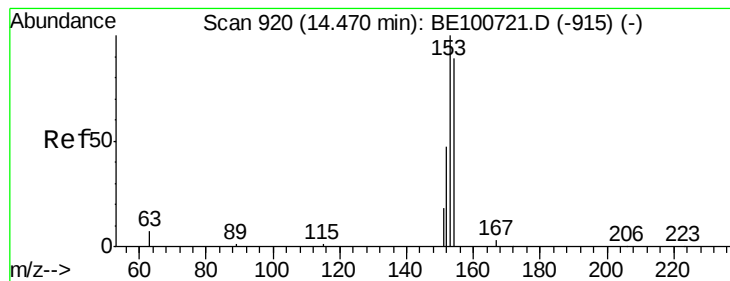
Tot Ion:172 Resp: 12164
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 23.2 19.8 29.6



#16
Acenaphthylene
Concen: 0.410 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

Tgt Ion:152 Resp: 11799
Ion Ratio Lower Upper
152 100
151 19.6 14.9 22.3
153 12.9 10.7 16.1





#17

Acenaphthene

Concen: 0.403 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

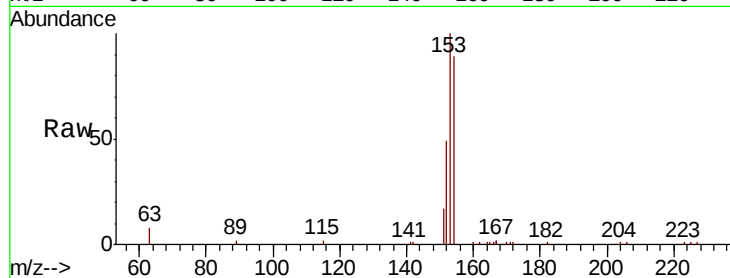
Tot Ion:154 Resp: 7619

Ion Ratio Lower Upper

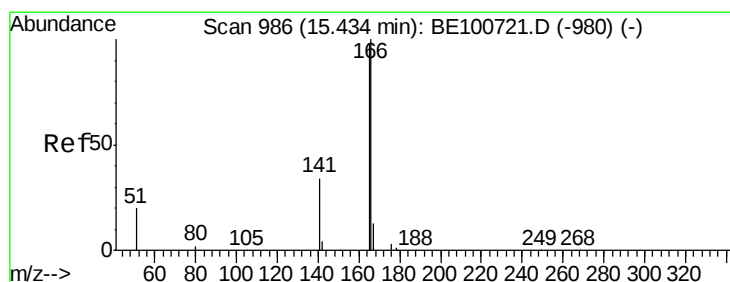
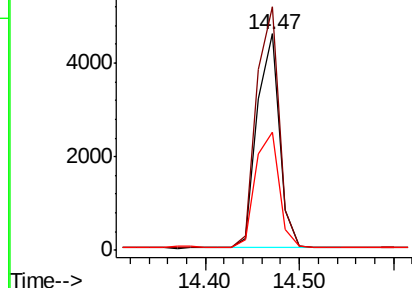
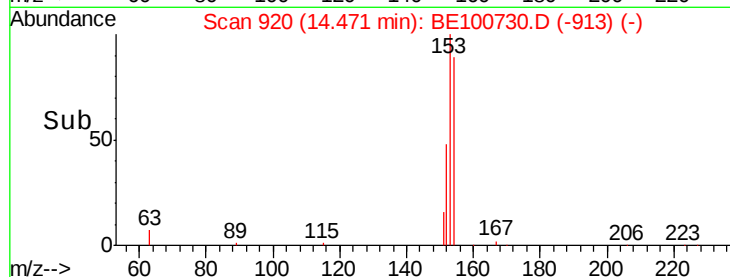
154 100

153 114.5 91.9 137.9

152 56.9 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: 0.406 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

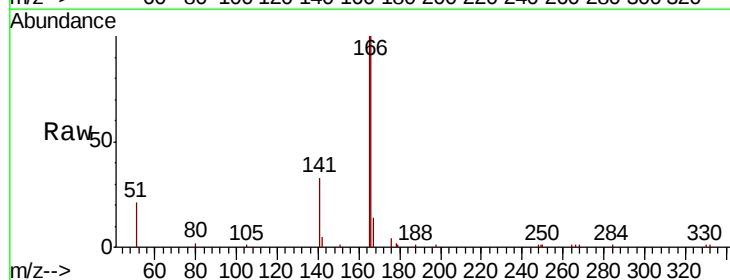
Tgt Ion:166 Resp: 10497

Ion Ratio Lower Upper

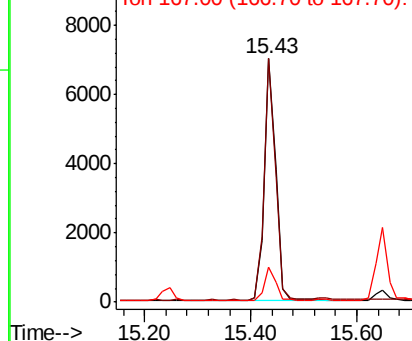
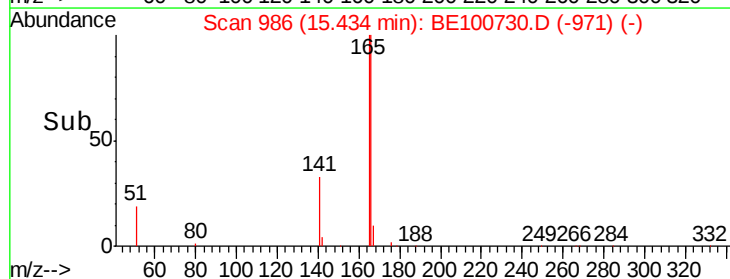
166 100

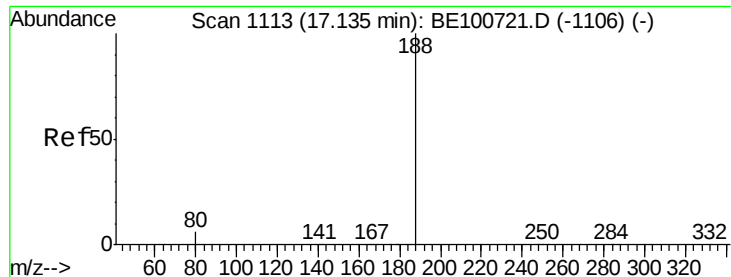
165 97.7 78.2 117.4

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: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

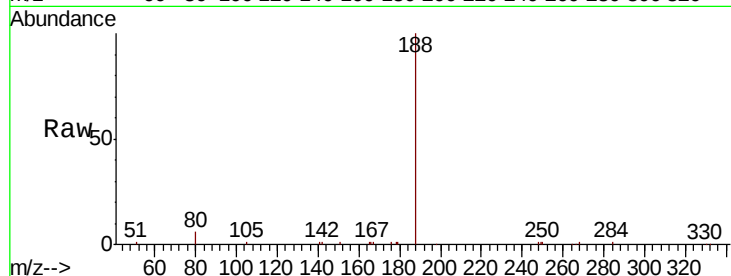
Tot Ion:188 Resp: 17416

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

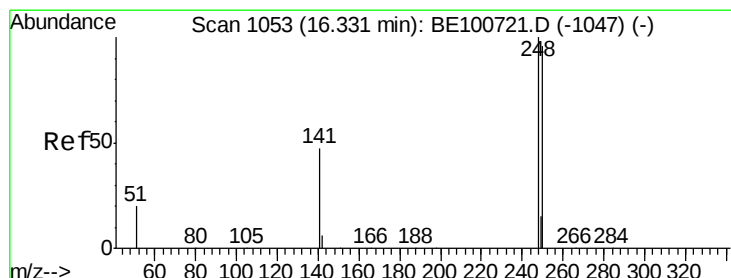
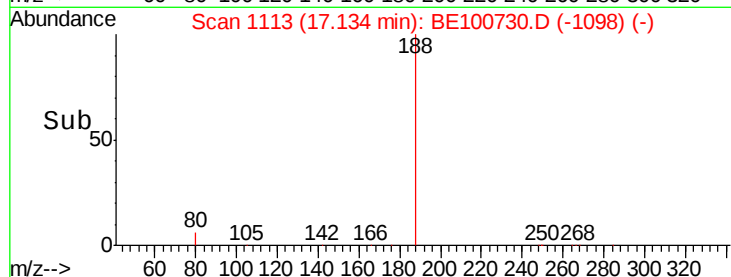
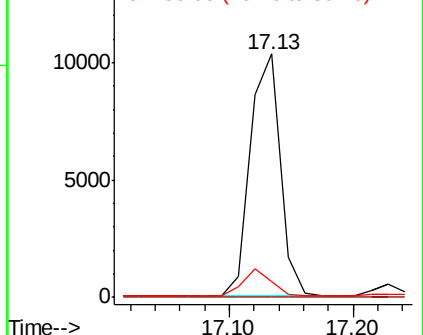
80 6.3 5.4 8.0



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: 0.496 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

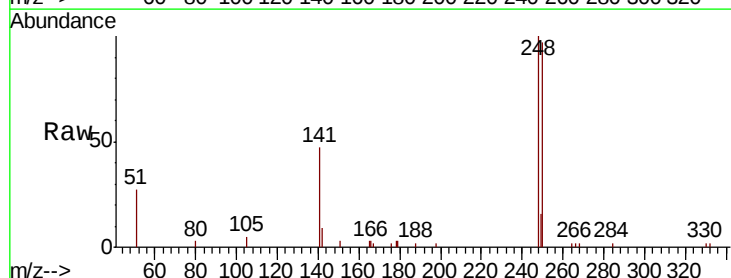
Tgt Ion:248 Resp: 4562

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

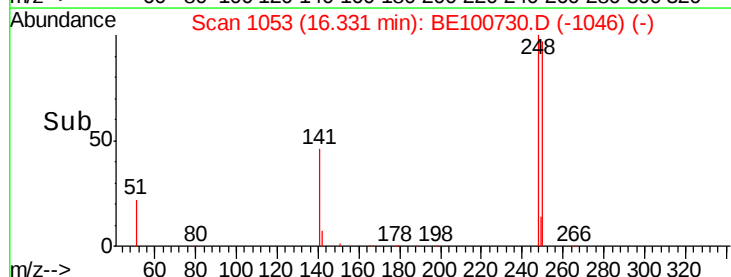
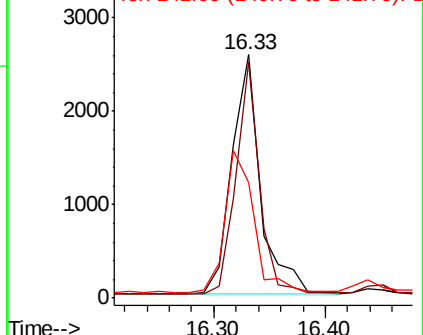
141 47.3 38.6 58.0

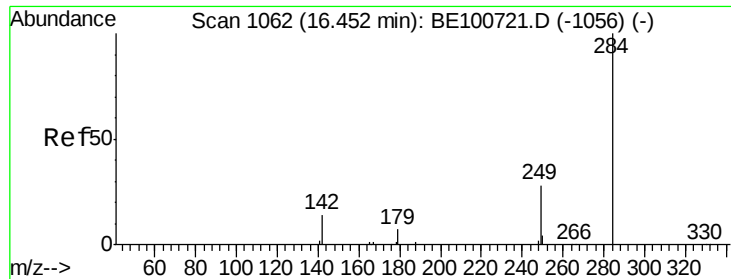


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

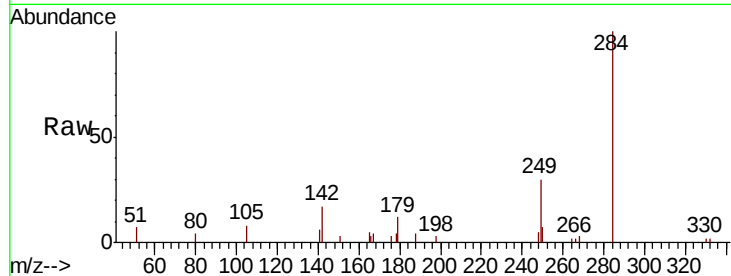
Tot Ion:284 Resp: 3011

Ion Ratio Lower Upper

284 100

142 37.2 28.2 42.2

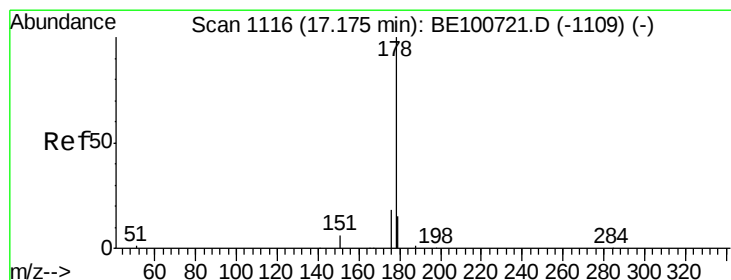
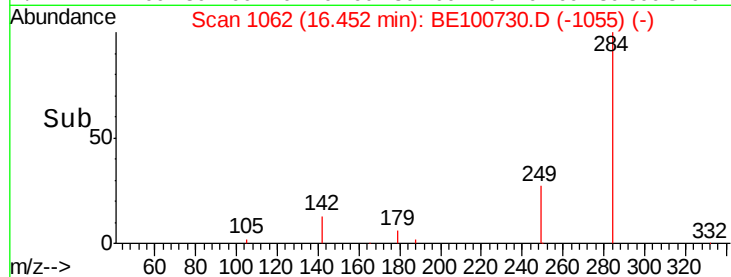
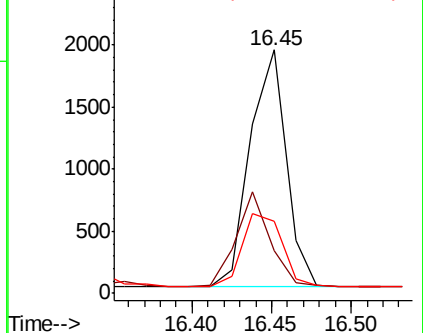
249 34.6 26.5 39.7



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: 0.404 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

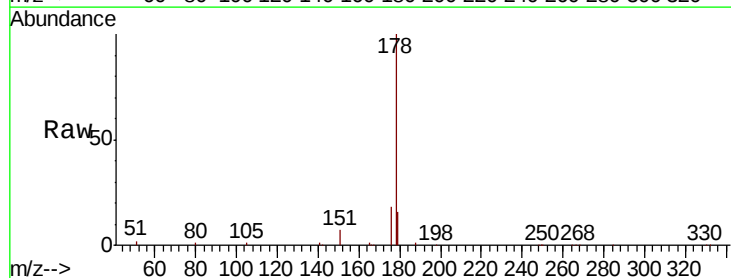
Tgt Ion:178 Resp: 19179

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

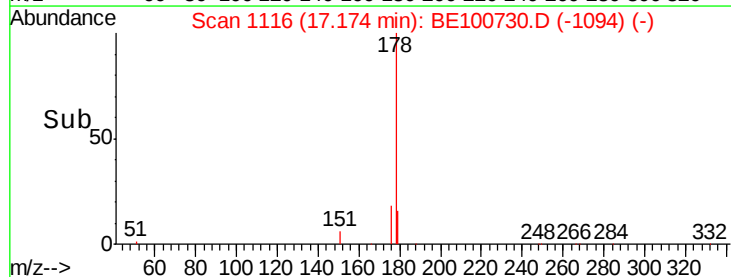
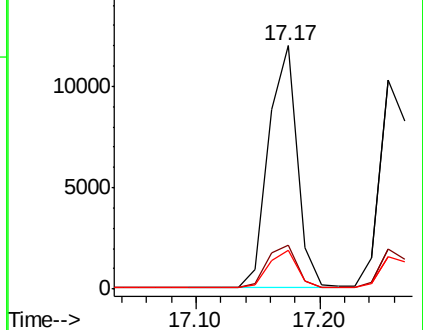
179 15.6 12.6 18.8

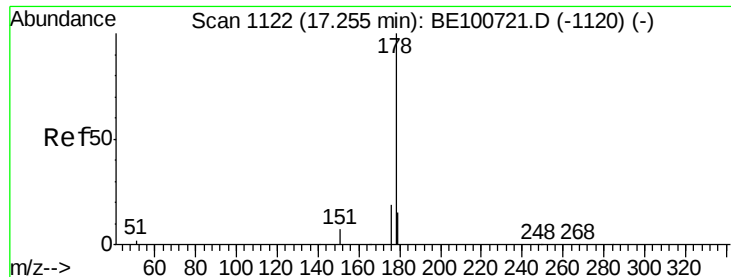


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.399 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

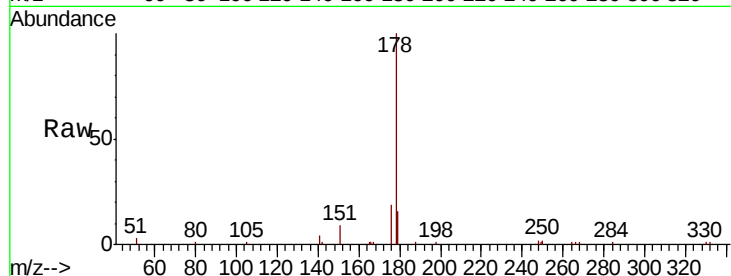
Tot Ion:178 Resp: 16940

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

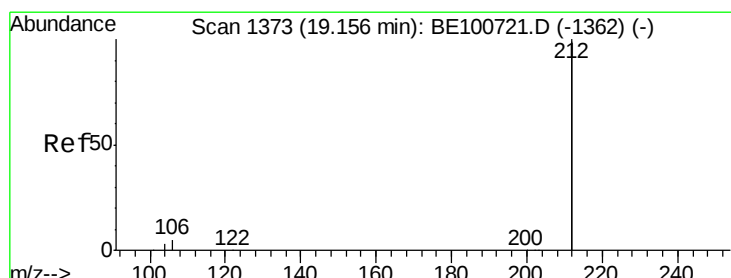
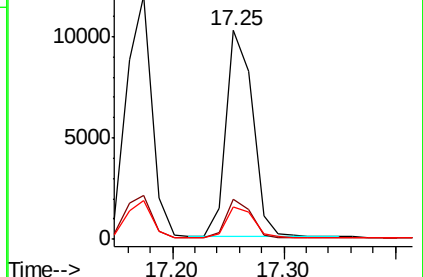
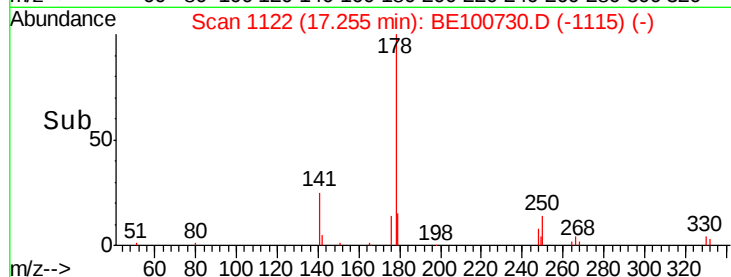
179 15.3 12.6 18.8



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



#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 19.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

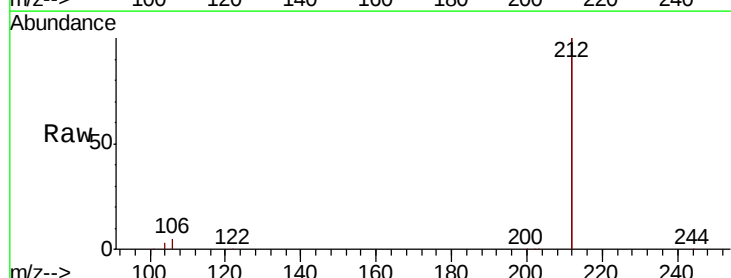
Tgt Ion:212 Resp: 94360

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.4

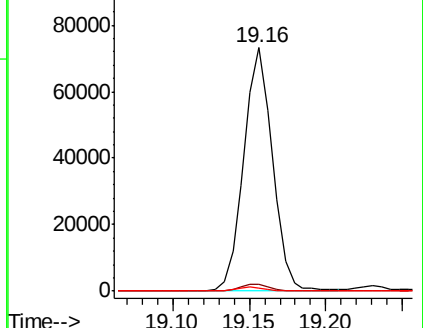
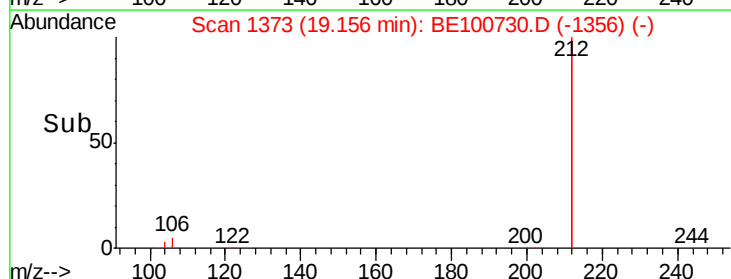
104 1.5 1.2 1.8

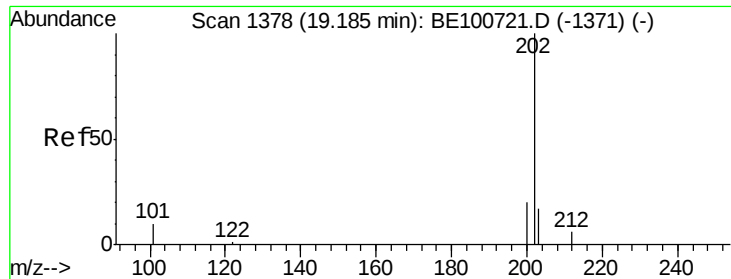


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

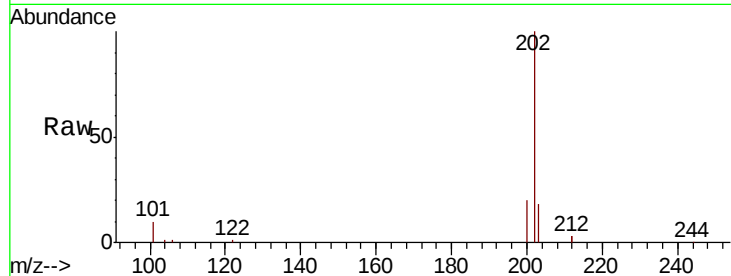




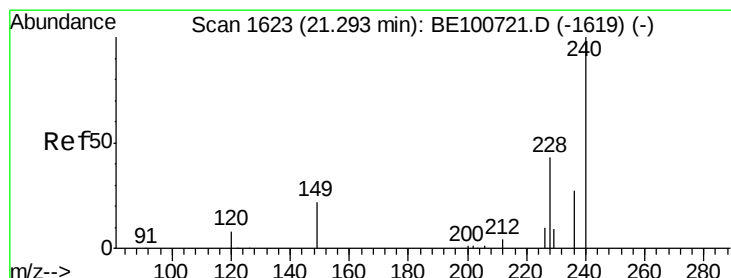
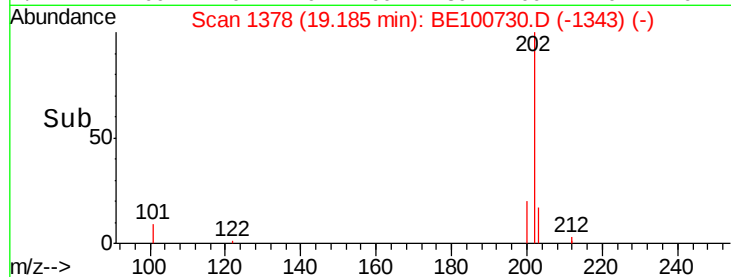
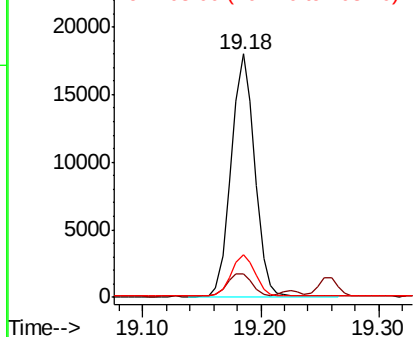
#26
 Fluoranthene
 Concen: 0.389 ng
 RT: 19.18 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BE100730.D
 Acq: 15 Nov 2019 10:42

Instrument :
 BNA_E
 ClientSampleId :
 PB124646BS

Tot Ion:202 Resp: 24648
 Ion Ratio Lower Upper
 202 100
 101 9.6 8.6 12.8
 203 17.3 13.6 20.4

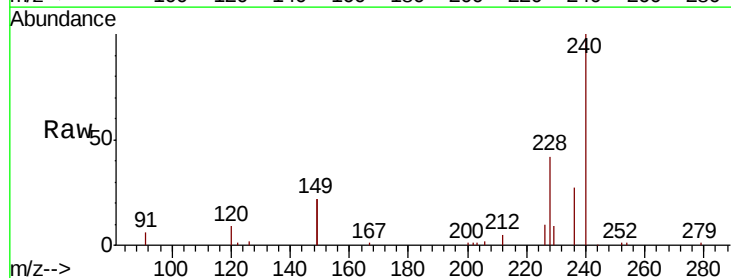


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

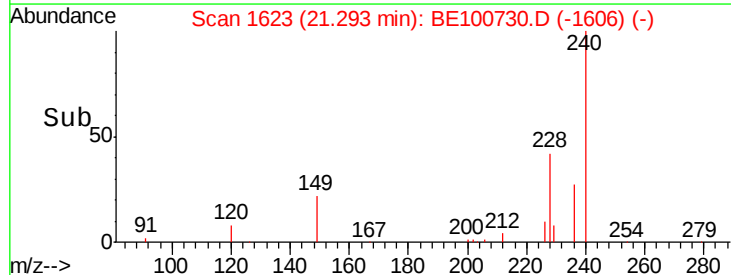
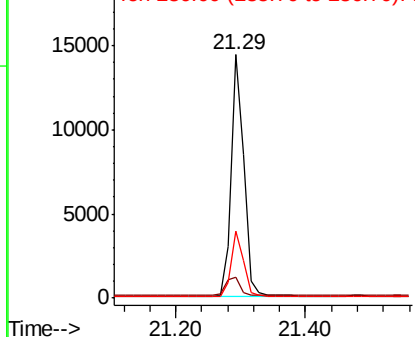


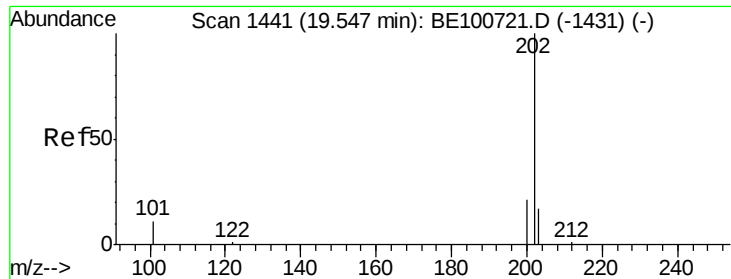
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100730.D
 Acq: 15 Nov 2019 10:42

Tgt Ion:240 Resp: 20125
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.4 11.0
 236 27.3 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

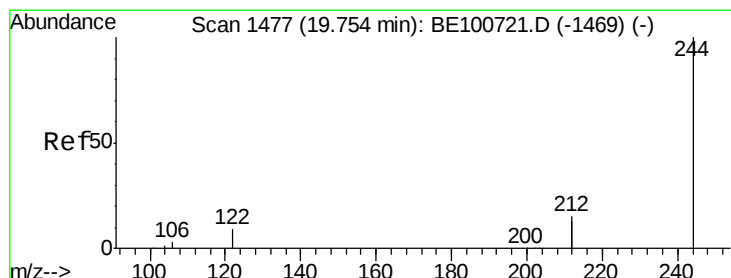
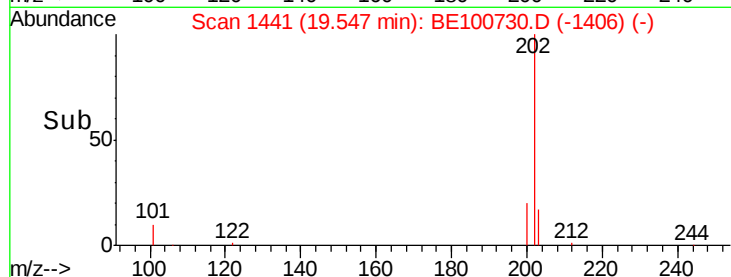
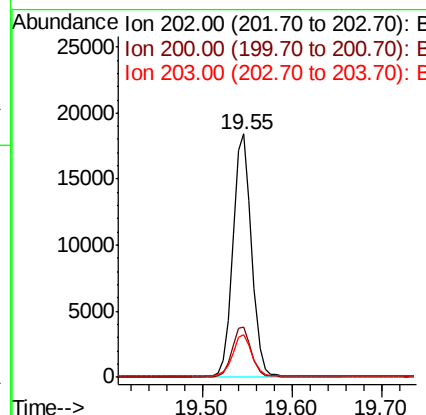
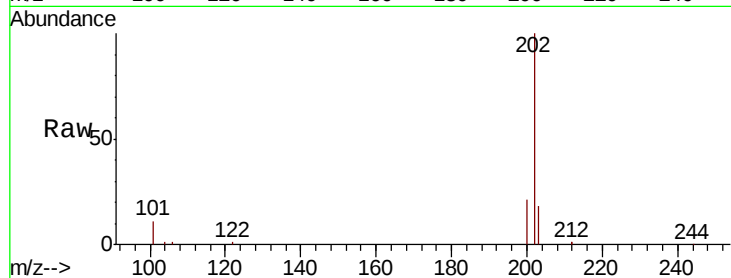




#28
Pvrene
Concen: 0.464 ng
RT: 19.55 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

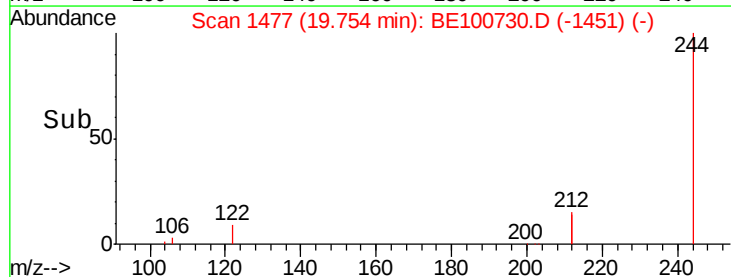
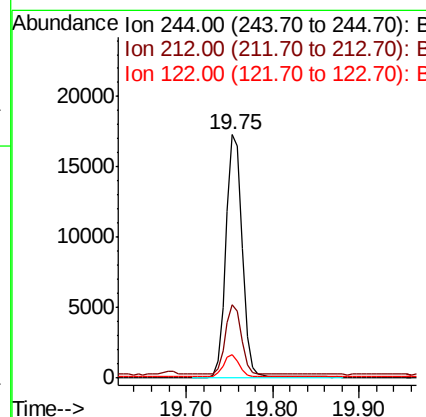
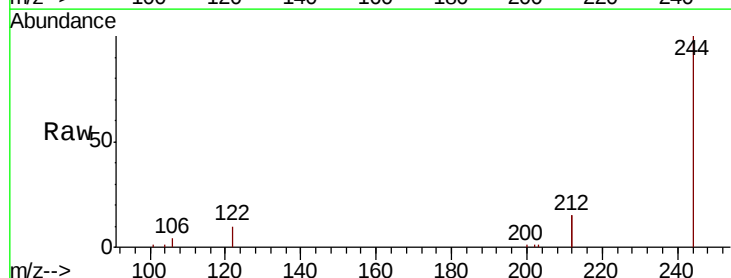
Instrument :
BNA_E
ClientSampleId :
PB124646BS

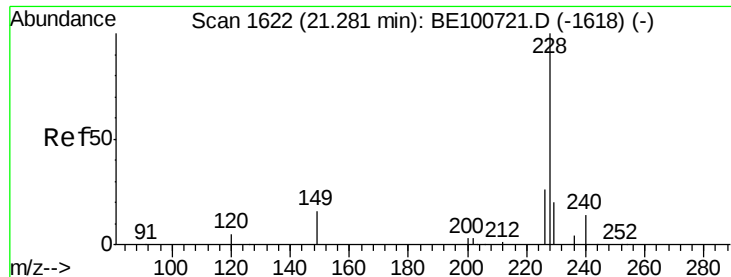
Tot Ion:202 Resp: 25955
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.9 14.0 21.0



#29
Terphenyl-d14
Concen: 0.471 ng
RT: 19.75 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

Tgt Ion:244 Resp: 22604
Ion Ratio Lower Upper
244 100
212 30.3 24.3 36.5
122 9.9 7.6 11.4





#30

Benzo(a)anthracene

Concen: 0.406 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

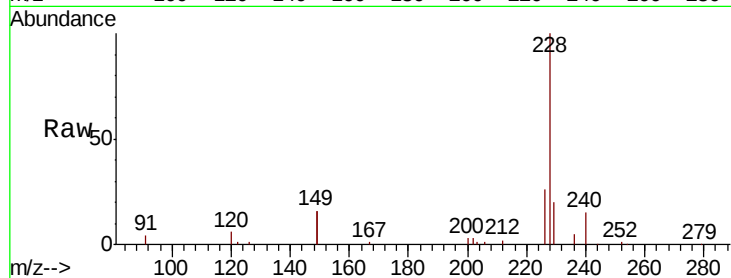
Tot Ion:228 Resp: 26239

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

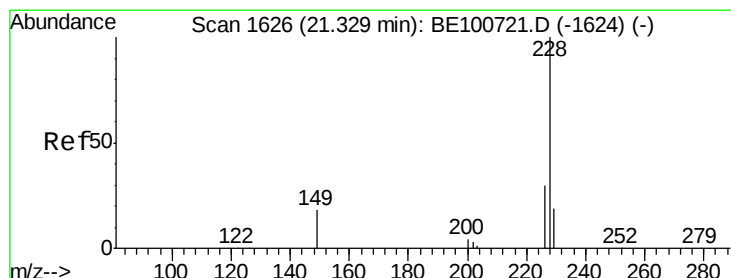
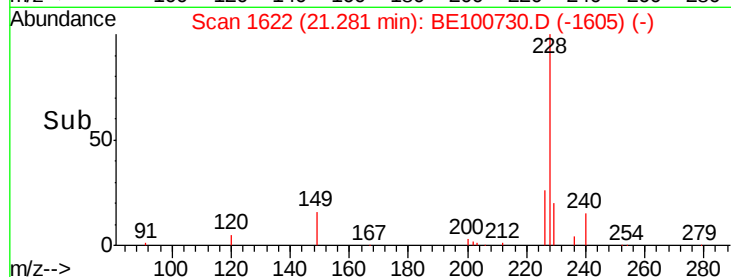
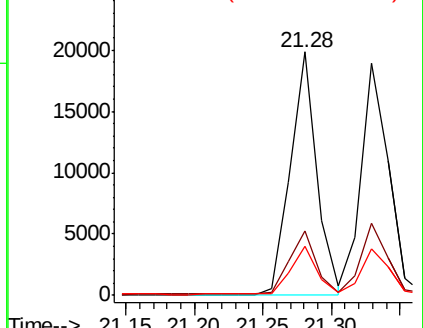
229 20.3 15.9 23.9



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: 0.398 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

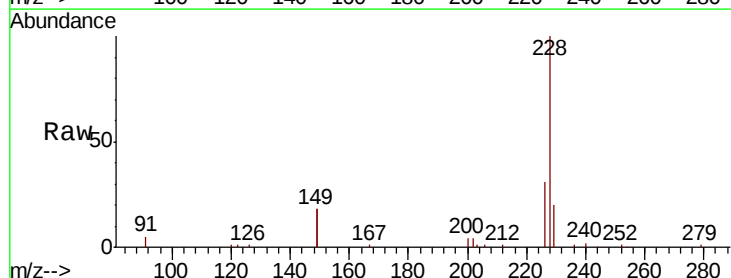
Tgt Ion:228 Resp: 26123

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

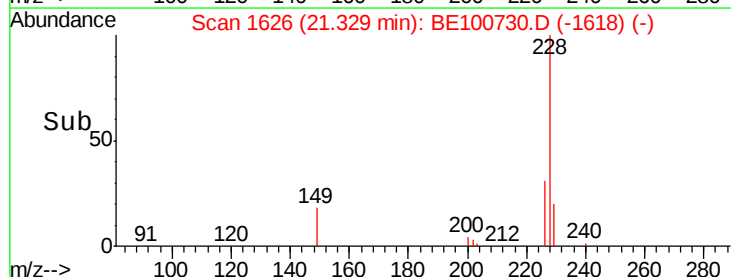
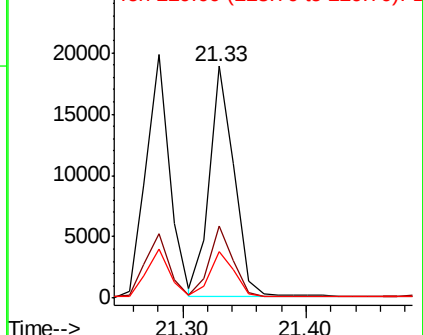
229 20.3 15.5 23.3

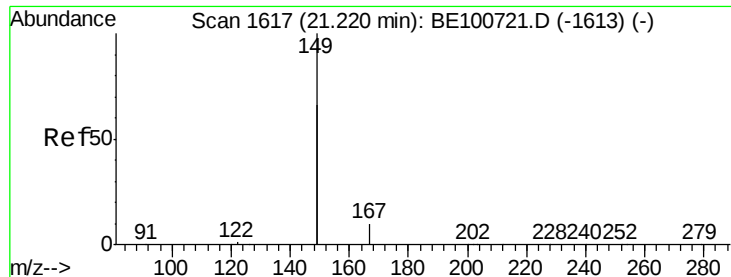


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 2.028 ng

RT: 21.23 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

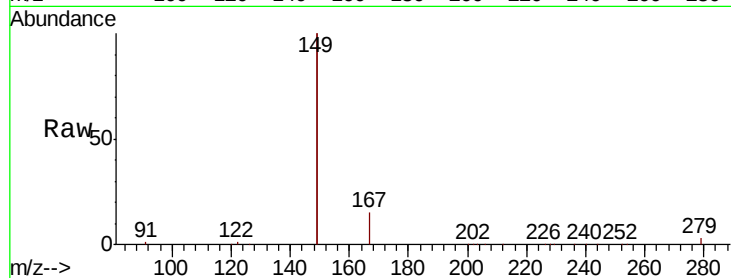
Tot Ion:149 Resp: 232491

Ion Ratio Lower Upper

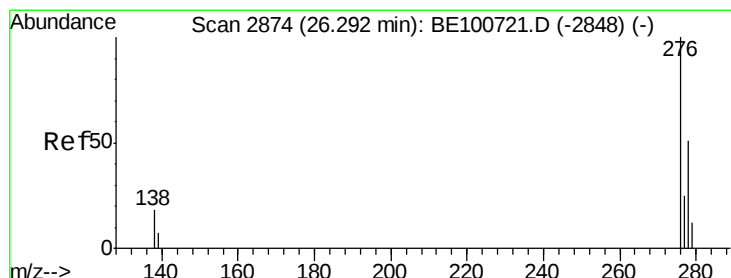
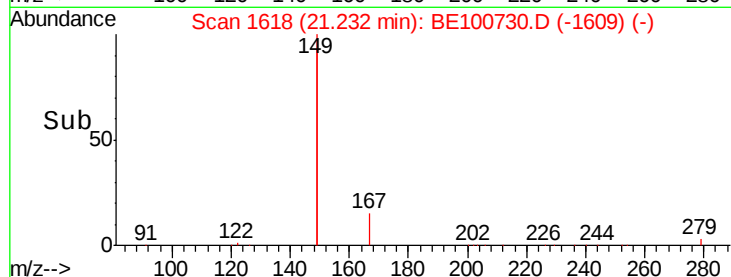
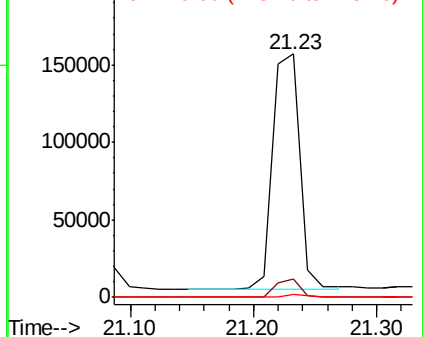
149 100

167 6.9 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: 0.382 ng

RT: 26.29 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

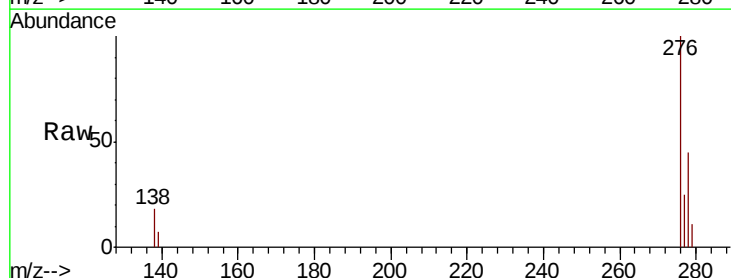
Tgt Ion:276 Resp: 29331

Ion Ratio Lower Upper

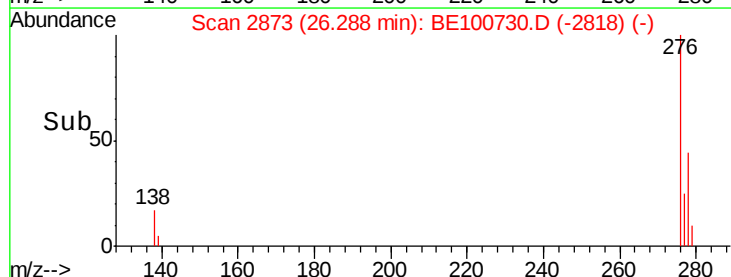
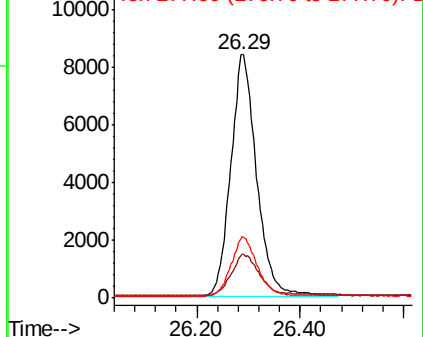
276 100

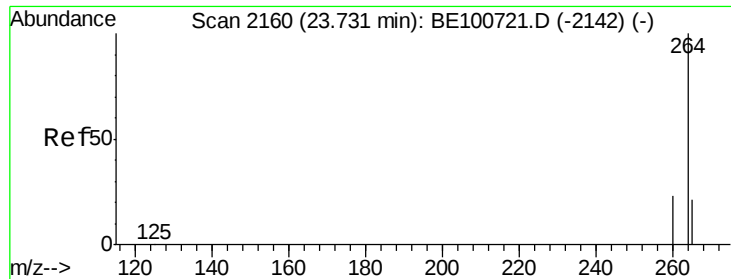
138 18.2 14.8 22.2

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

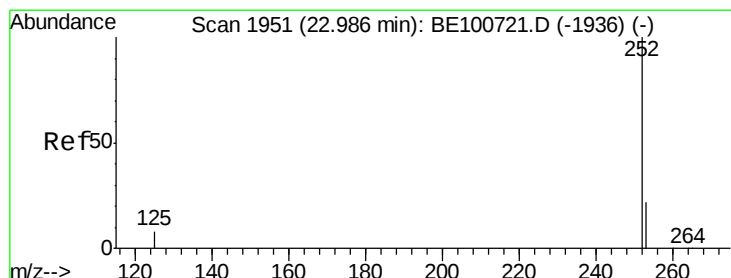
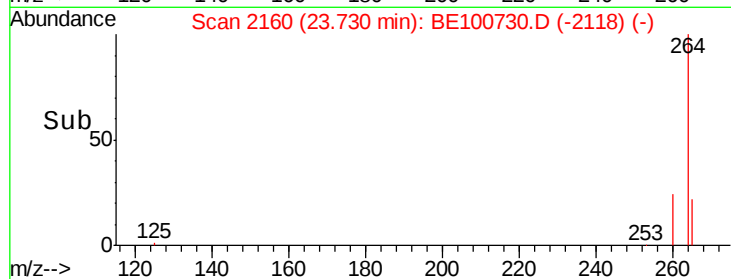
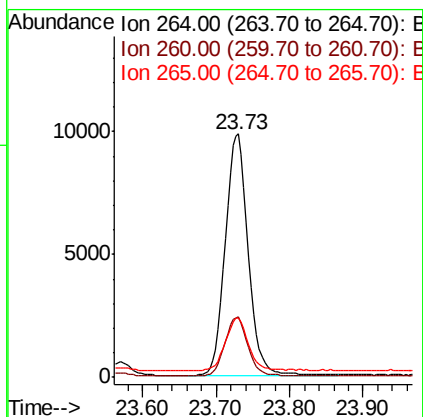
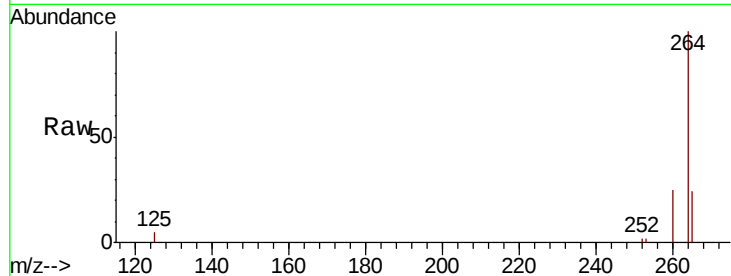




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

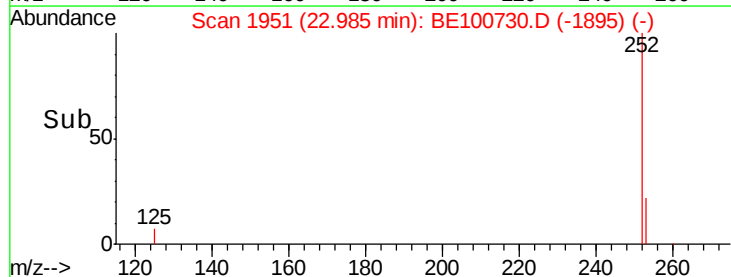
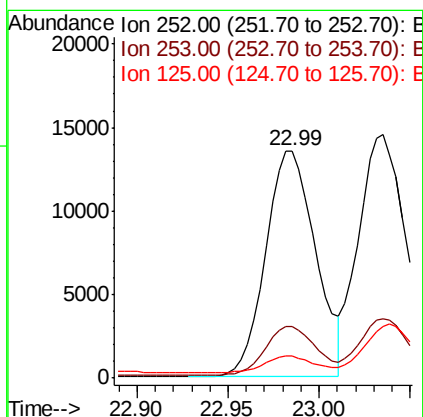
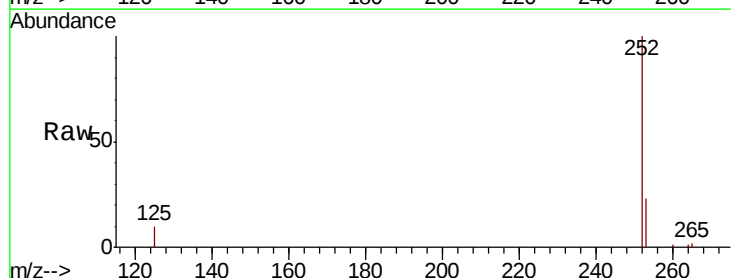
Instrument :
BNA_E
ClientSampleId :
PB124646BS

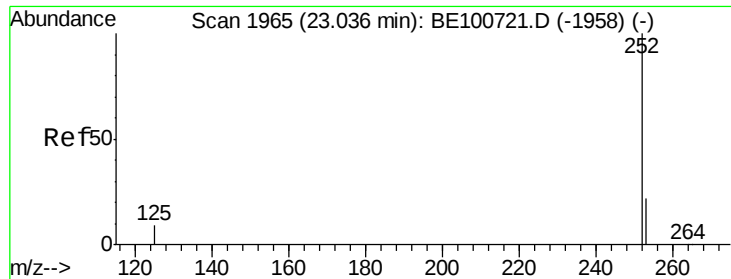
Tot Ion:264 Resp: 21687
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 24.3 19.7 29.5



#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.99 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

Tgt Ion:252 Resp: 25722
Ion Ratio Lower Upper
252 100
253 23.0 18.7 28.1
125 9.5 7.0 10.4

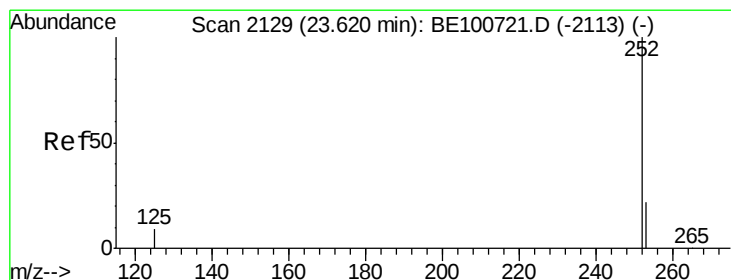
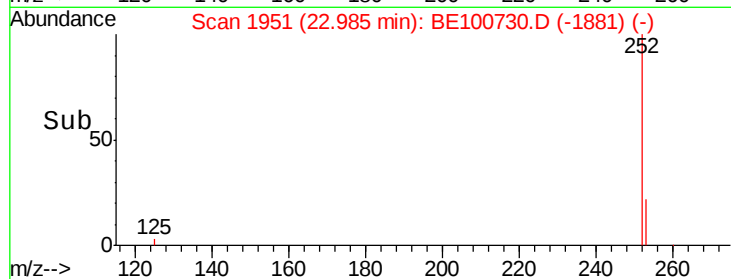
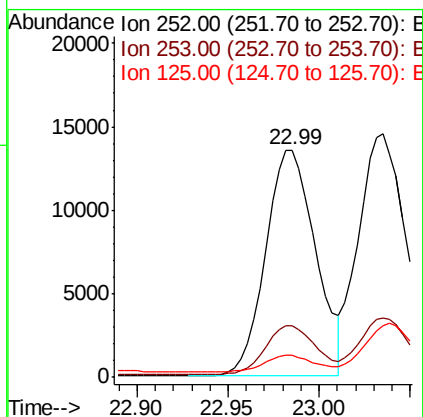
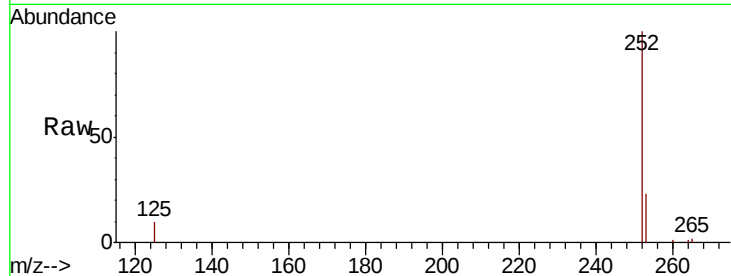




#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.99 min Scan# 1951
Delta R.T. -0.05 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

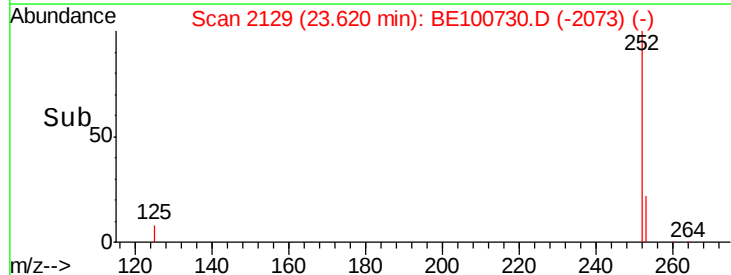
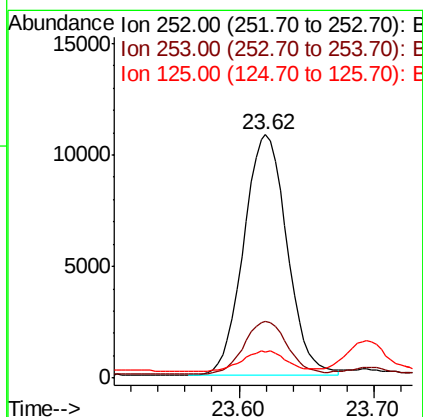
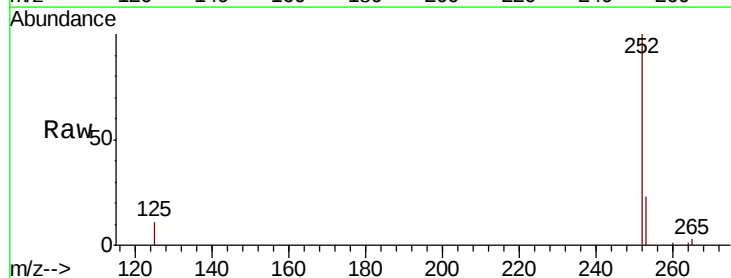
Instrument :
BNA_E
ClientSampleId :
PB124646BS

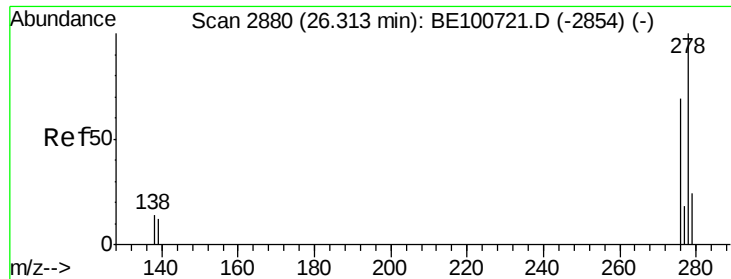
Tot Ion:252 Resp: 25722
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 9.5 7.6 11.4



#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.62 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BE100730.D
Acq: 15 Nov 2019 10:42

Tgt Ion:252 Resp: 24145
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 10.8 7.9 11.9





#38

Dibenzo(a,h)anthracene

Concen: 0.398 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

Instrument :

BNA_E

ClientSampleId :

PB124646BS

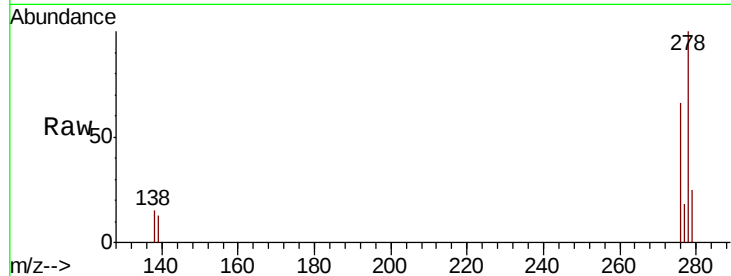
Tot Ion:278 Resp: 24482

Ion Ratio Lower Upper

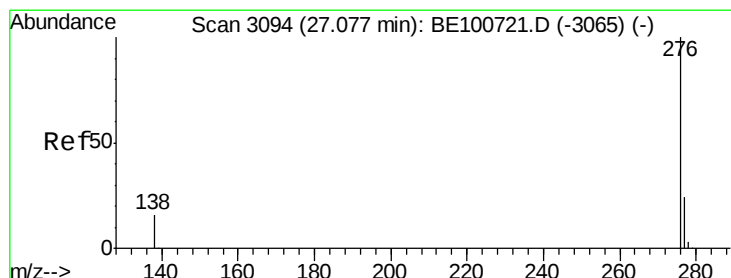
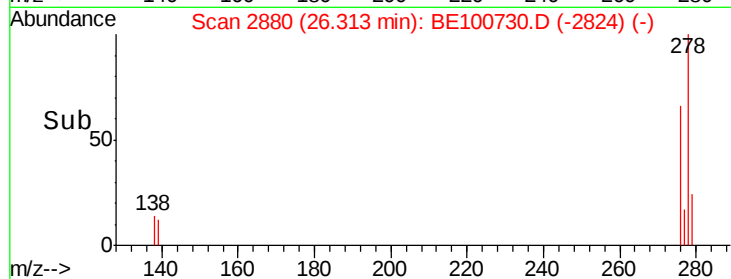
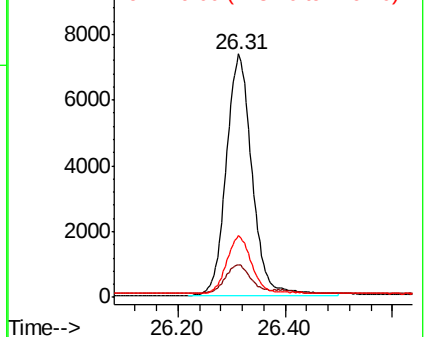
278 100

139 13.4 10.3 15.5

279 25.3 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: 0.405 ng

RT: 27.07 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BE100730.D

Acq: 15 Nov 2019 10:42

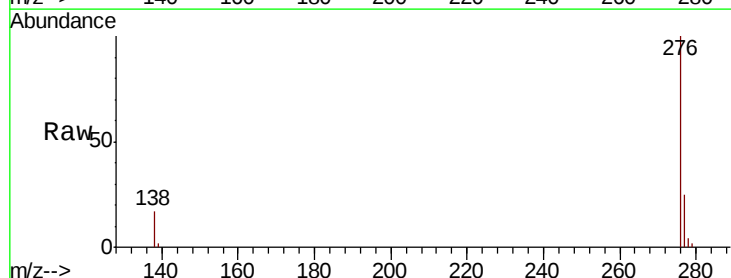
Tgt Ion:276 Resp: 24452

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 17.2 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

