

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE111419\
 Data File : BE100727.D
 Acq On : 14 Nov 2019 18:54
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE111419

Quant Time: Nov 14 19:44:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE111419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 18:50:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	1893	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	7651	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	4810	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	11574	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15246	0.40	ng	0.00
34) Perylene-d12	23.73	264	16923	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	2160	0.39	ng	0.00
5) Phenol-d6	6.94	99	3029	0.39	ng	0.00
8) Nitrobenzene-d5	8.91	82	2525	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.15	152	4888	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	151	0.42	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	7368	0.42	ng	0.00
25) Fluoranthene-d10	19.16	212	60169	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	14474	0.40	ng	0.00

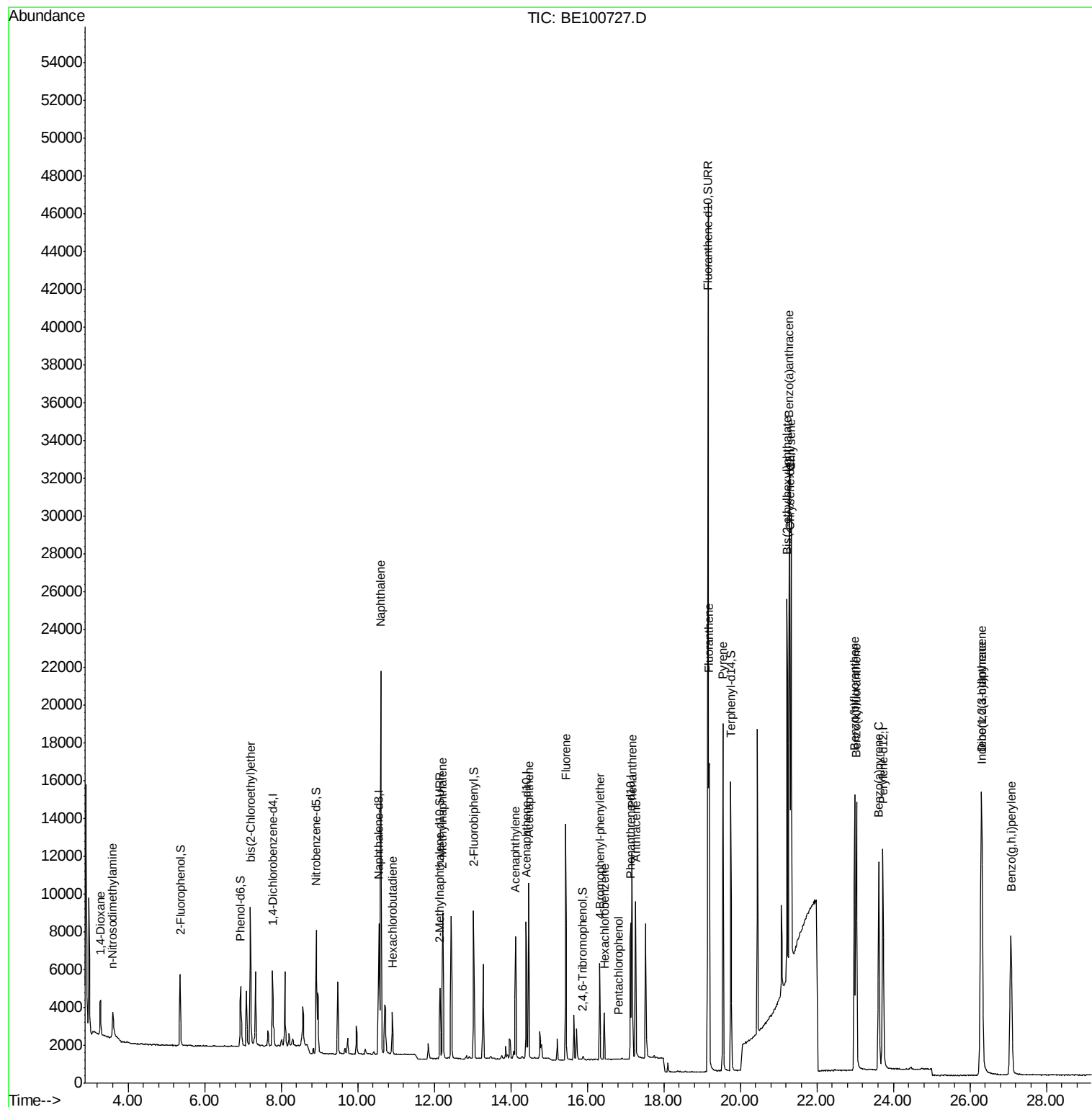
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1476	0.447	ng	92
3) n-Nitrosodimethylamine	3.59	42	1399	0.427	ng	97
6) bis(2-Chloroethyl)ether	7.19	93	2633	0.385	ng	95
9) Naphthalene	10.60	128	32312	0.407	ng	100
10) Hexachlorobutadiene	10.90	225	1532	0.418	ng	98
12) 2-Methylnaphthalene	12.22	142	5493	0.406	ng	96
16) Acenaphthylene	14.13	152	7398	0.380	ng	99
17) Acenaphthene	14.47	154	5186	0.406	ng	99
18) Fluorene	15.43	166	7032	0.402	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	2378	0.389	ng	98
21) Hexachlorobenzene	16.45	284	2390	0.402	ng	98
22) Pentachlorophenol	16.81	266	2	0.141	ng	97
23) Phenanthrene	17.17	178	12955	0.411	ng	99
24) Anthracene	17.27	178	10897	0.387	ng	99
26) Fluoranthene	19.18	202	16499	0.392	ng	100
28) Pyrene	19.55	202	16737	0.395	ng	99
30) Benzo(a)anthracene	21.28	228	19300	0.395	ng	100
31) Chrysene	21.33	228	19843	0.400	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	27996	0.322	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	23043	0.396	ng	100
35) Benzo(b)fluoranthene	22.99	252	19862	0.402	ng	99
36) Benzo(k)fluoranthene	23.03	252	21061	0.407	ng	99
37) Benzo(a)pyrene	23.62	252	18552	0.403	ng	100
38) Dibenzo(a,h)anthracene	26.32	278	19048	0.397	ng	98
39) Benzo(g,h,i)perylene	27.07	276	19155	0.407	ng	100

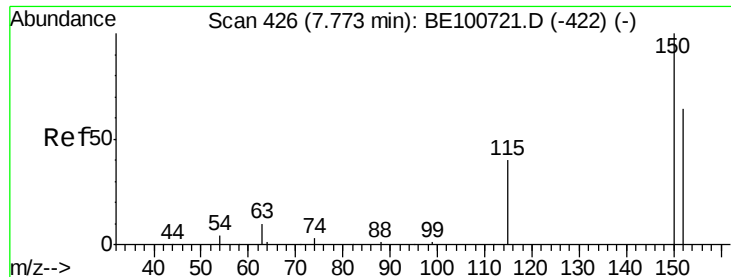
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 14 18:50:05 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: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

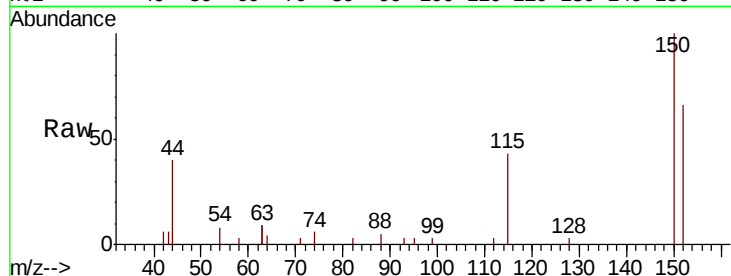
Tot Ion:152 Resp: 1893

Ion Ratio Lower Upper

152 100

150 151.5 123.4 185.0

115 65.8 52.1 78.1

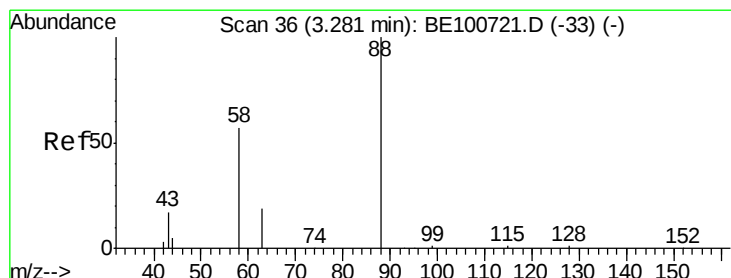
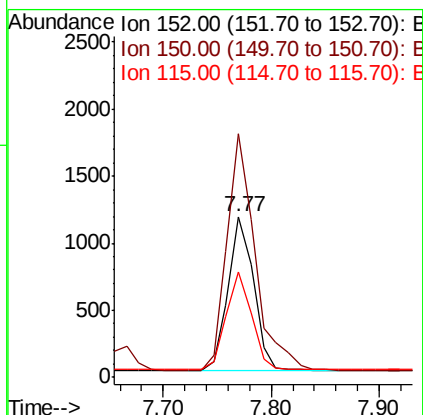
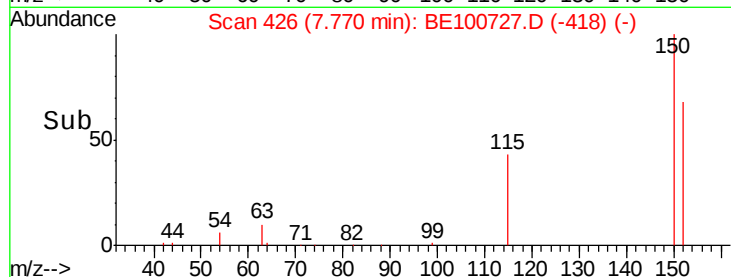


Abundance

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: 0.447 ng

RT: 3.28 min Scan# 36

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

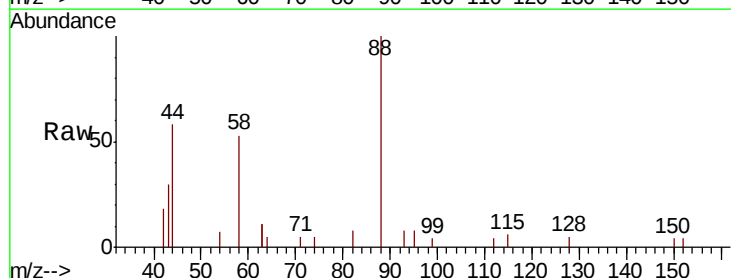
Tgt Ion: 88 Resp: 1476

Ion Ratio Lower Upper

88 100

58 79.3 69.8 104.8

43 31.1 27.0 40.4

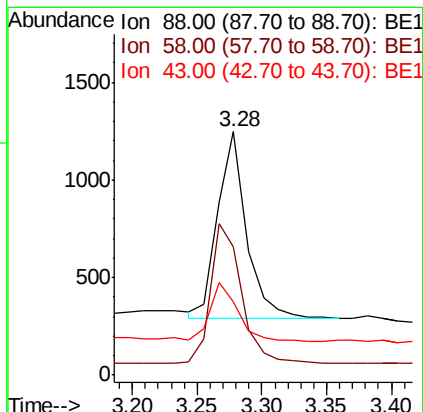
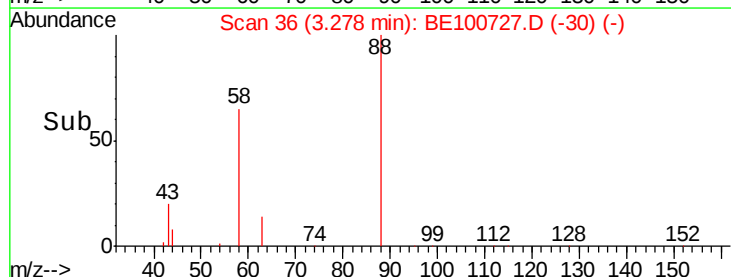


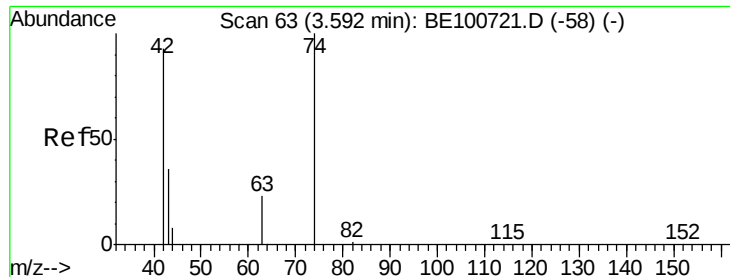
Abundance

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: 0.427 ng

RT: 3.59 min Scan# 63

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

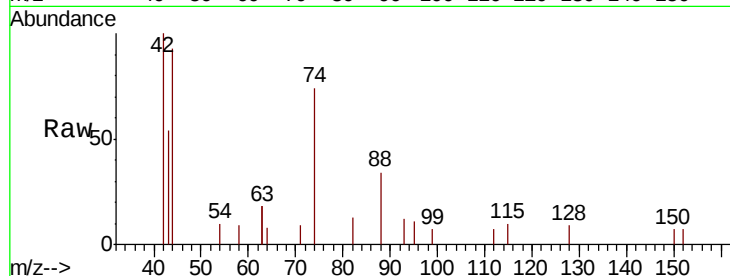
Tot Ion: 42 Resp: 1399

Ion Ratio Lower Upper

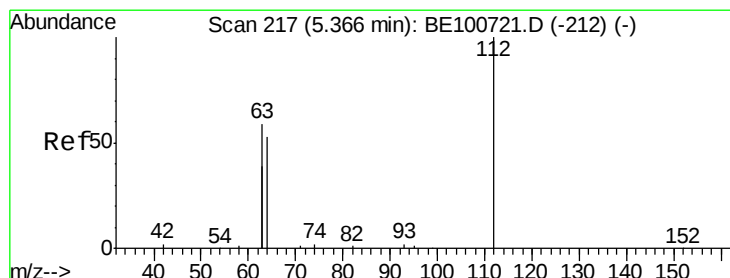
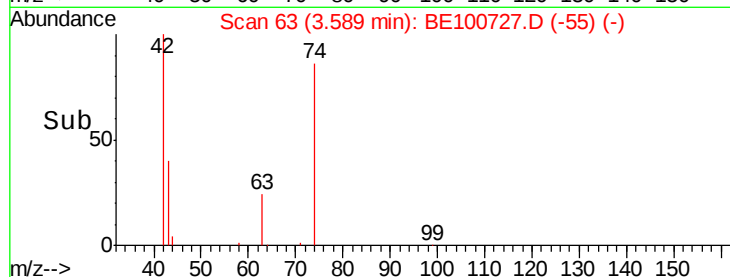
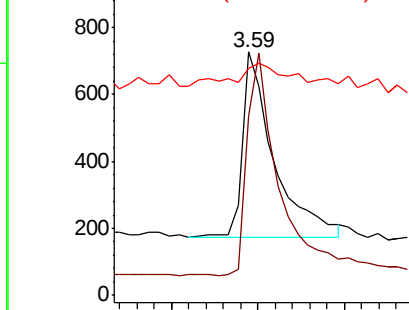
42 100

74 121.7 99.7 149.5

44 11.9 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: 0.391 ng

RT: 5.36 min Scan# 217

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

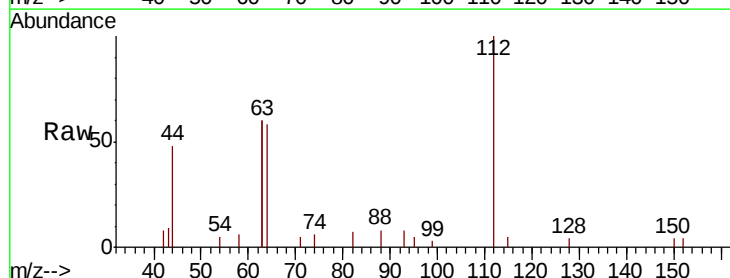
Tgt Ion: 112 Resp: 2160

Ion Ratio Lower Upper

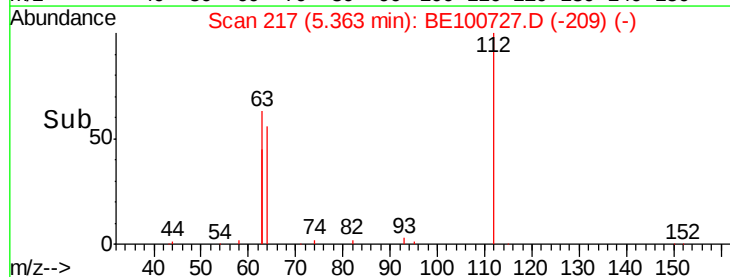
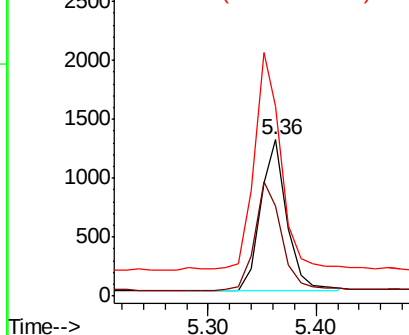
112 100

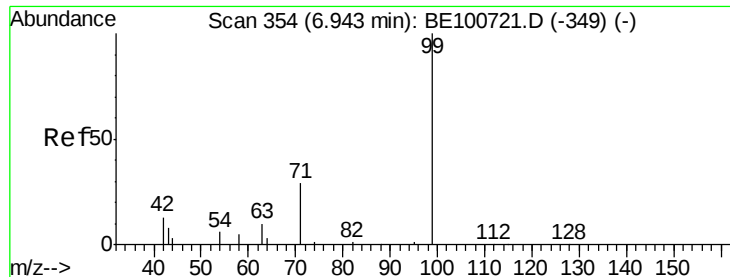
64 72.9 58.3 87.5

63 142.4 115.4 173.2



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: 0.387 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

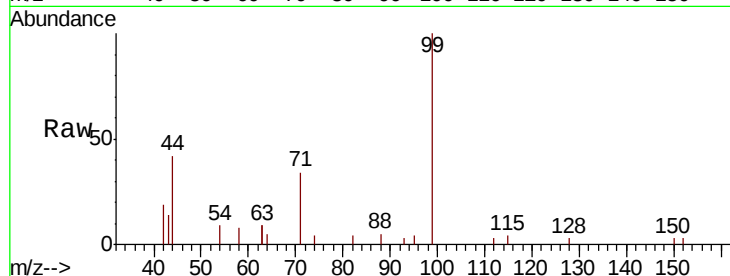
Tot Ion: 99 Resp: 3029

Ion Ratio Lower Upper

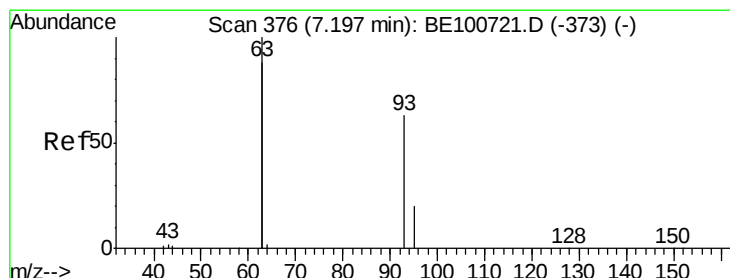
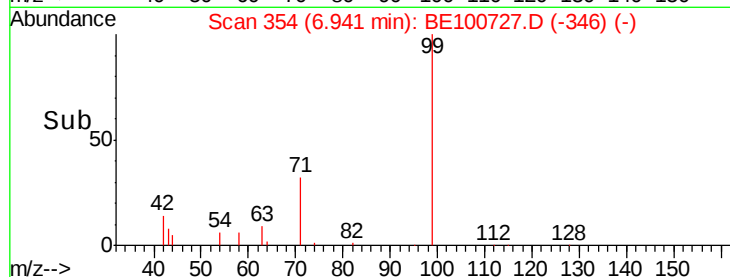
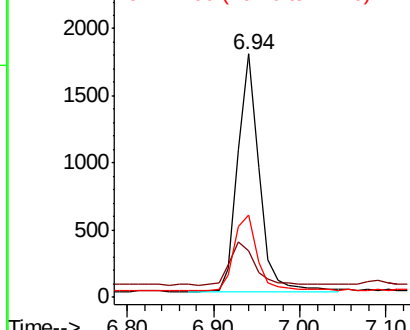
99 100

42 21.1 17.8 26.6

71 34.7 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: 0.385 ng

RT: 7.19 min Scan# 376

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

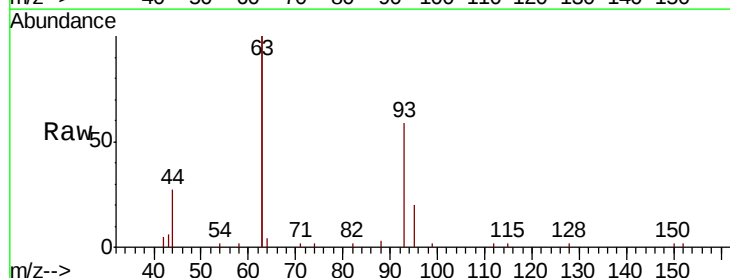
Tgt Ion: 93 Resp: 2633

Ion Ratio Lower Upper

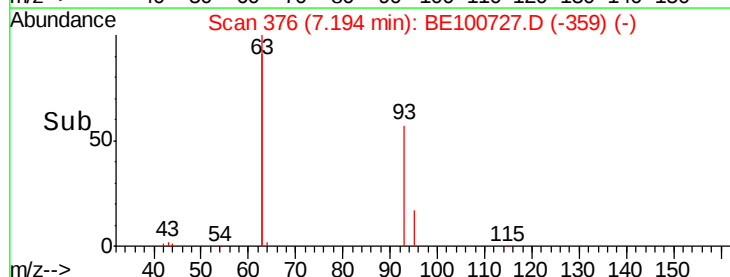
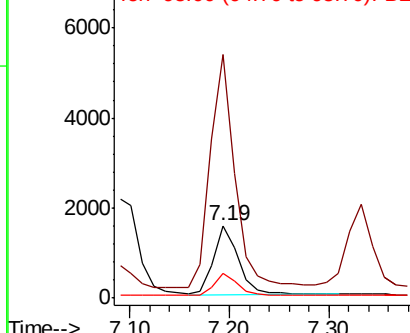
93 100

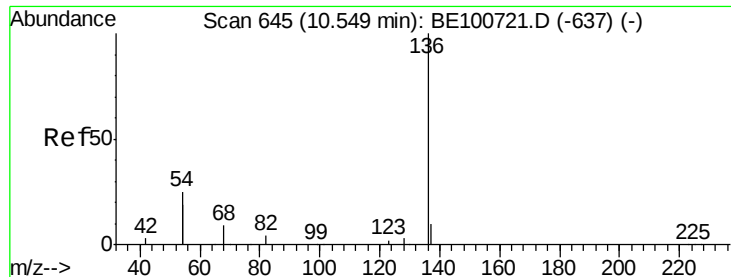
63 336.4 260.7 391.1

95 31.1 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: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

Tot Ion:136 Resp: 7651

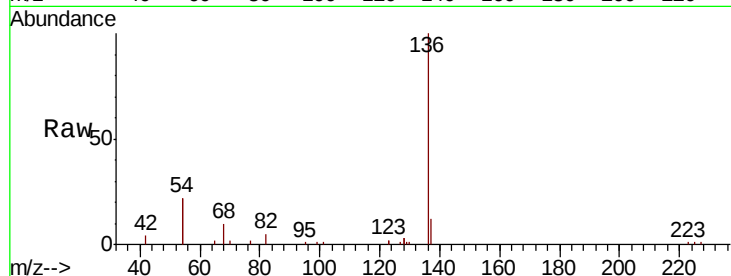
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 44.9 39.0 58.6

68 9.6 7.8 11.8

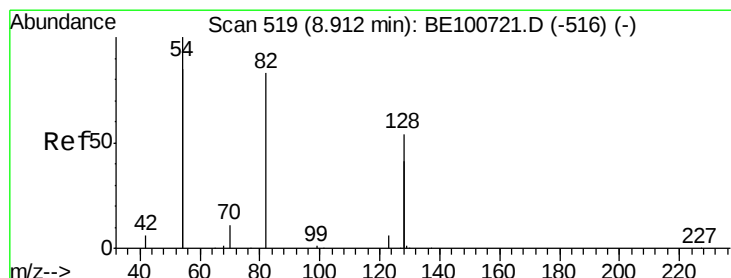
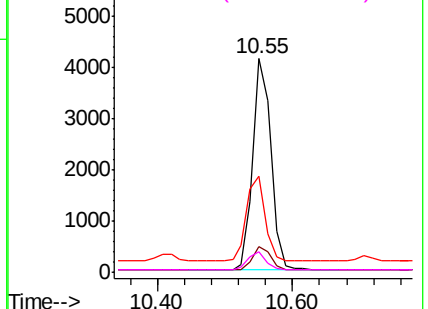
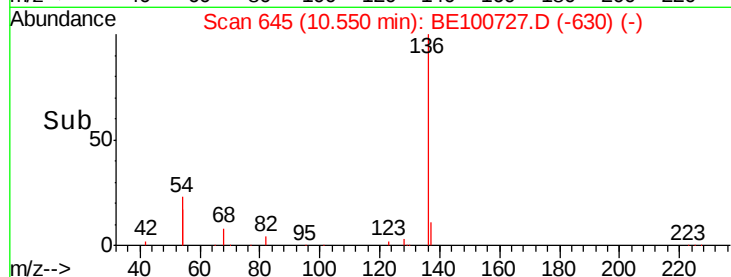


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.388 ng

RT: 8.91 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

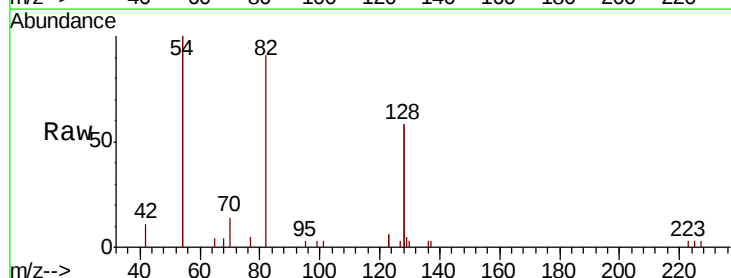
Tgt Ion: 82 Resp: 2525

Ion Ratio Lower Upper

82 100

128 127.5 99.6 149.4

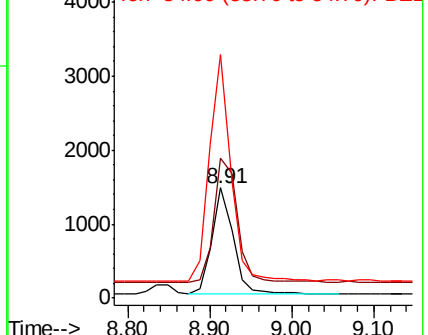
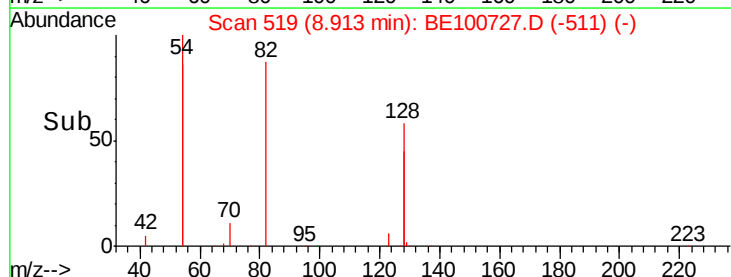
54 220.9 183.8 275.8

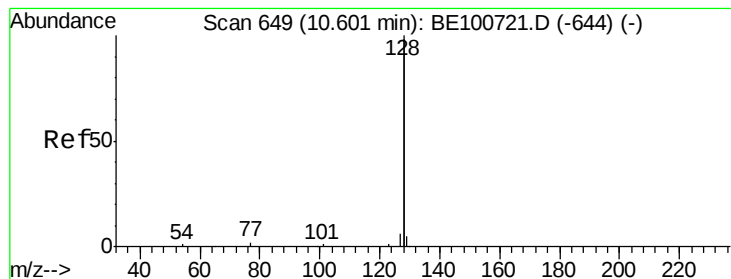


Abundance Ion 82.00 (81.70 to 82.70): BE1

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: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

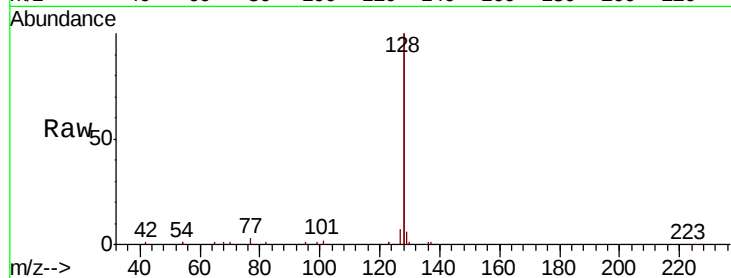
Tot Ion:128 Resp: 32312

Ion Ratio Lower Upper

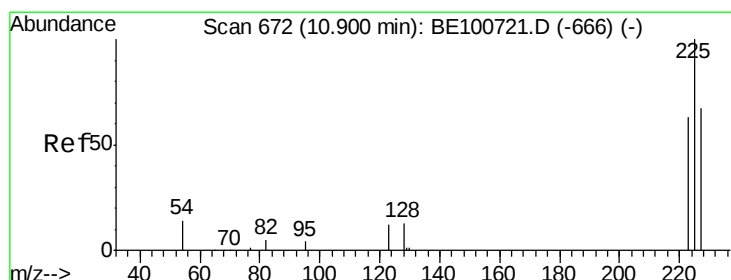
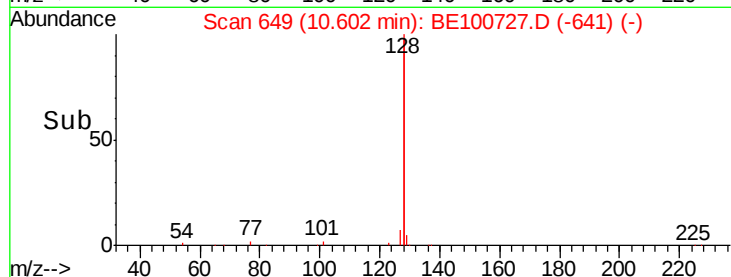
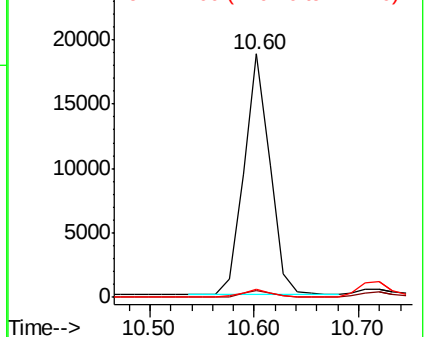
128 100

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: 0.418 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

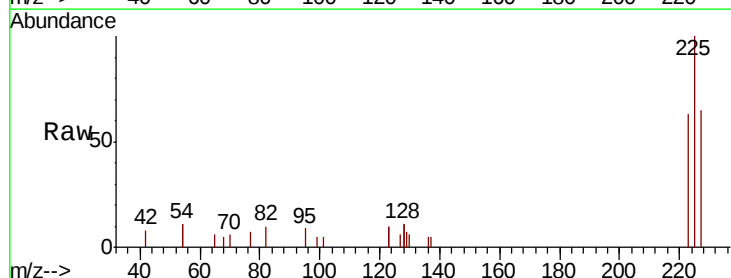
Tgt Ion:225 Resp: 1532

Ion Ratio Lower Upper

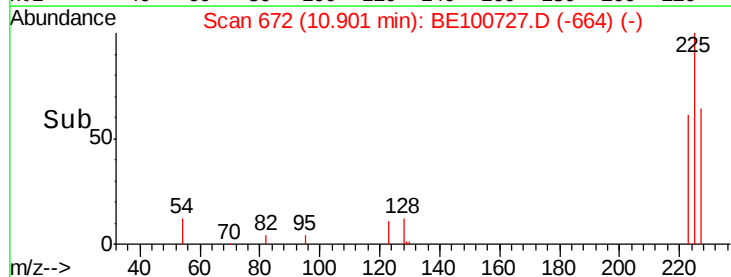
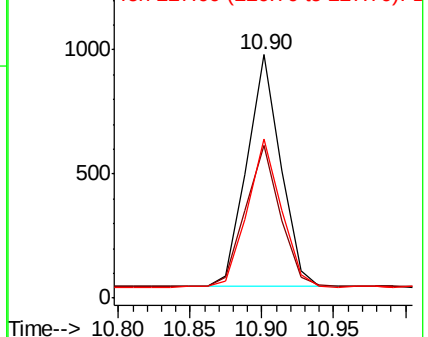
225 100

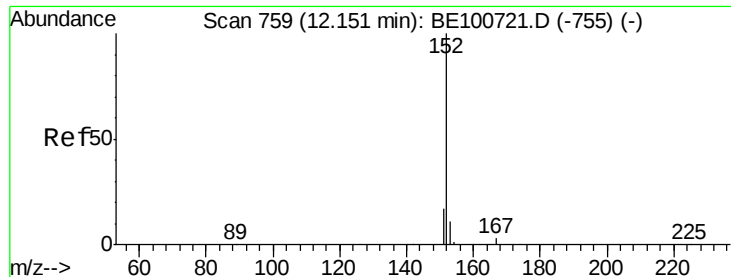
223 61.9 50.6 76.0

227 64.4 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

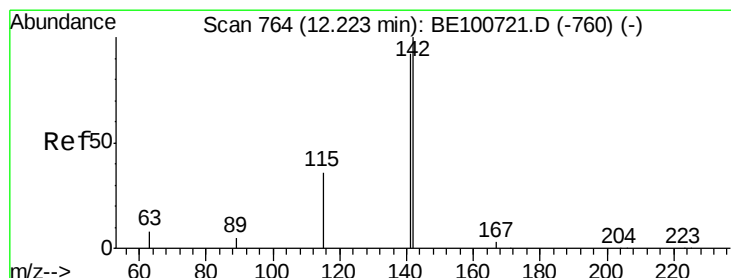
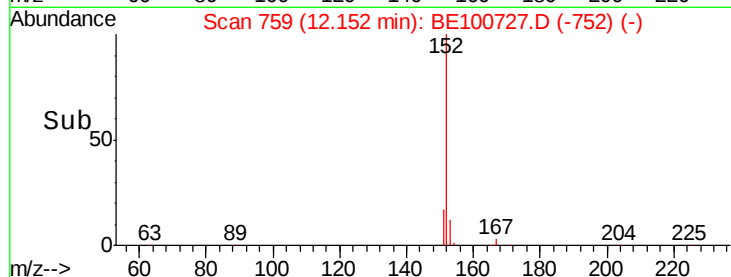
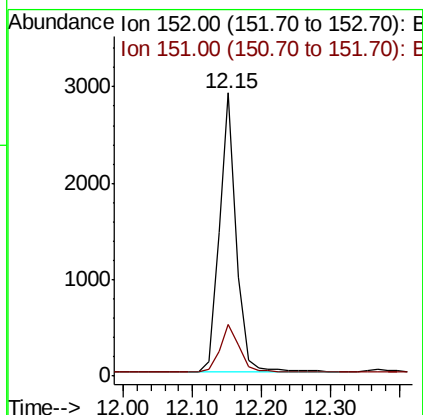
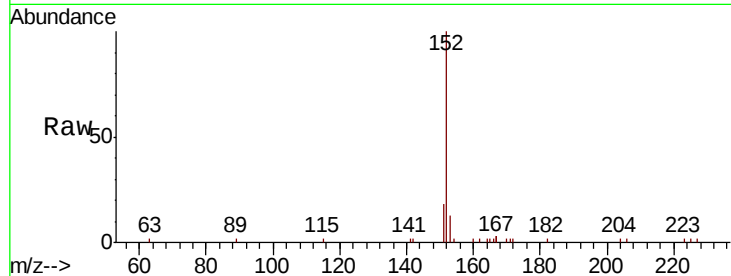




#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

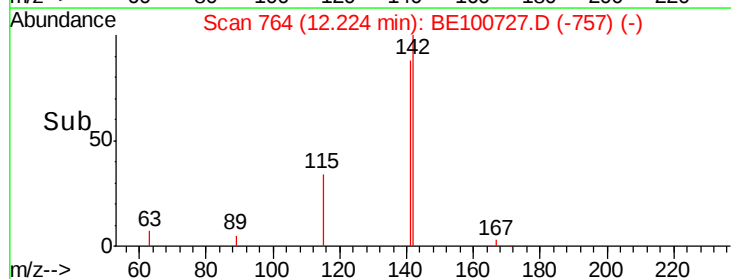
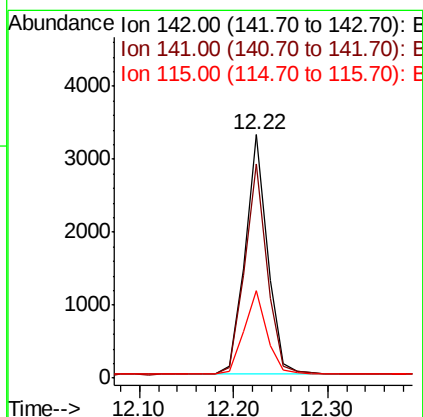
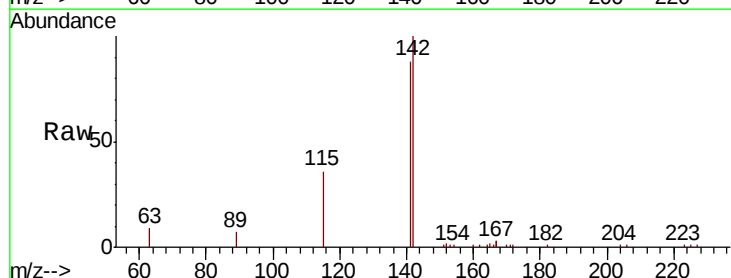
Instrument :
BNA_E
ClientSampleId :
ICVBE111419

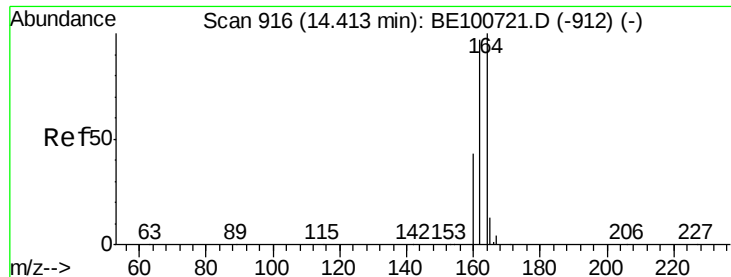
Tot Ion:152 Resp: 4888
Ion Ratio Lower Upper
152 100
151 19.4 14.2 21.4



#12
2-Methylnaphthalene
Concen: 0.406 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Tgt Ion:142 Resp: 5493
Ion Ratio Lower Upper
142 100
141 87.8 73.3 109.9
115 35.8 29.9 44.9

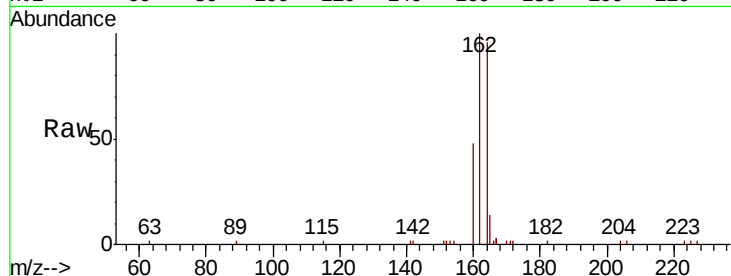




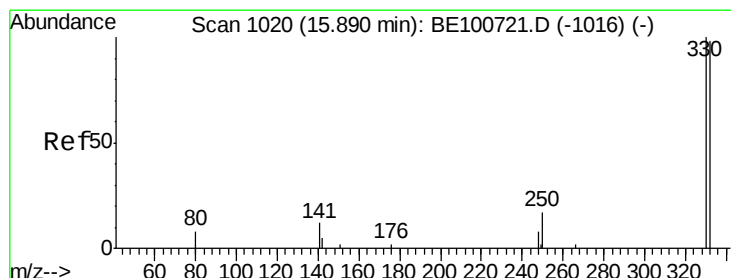
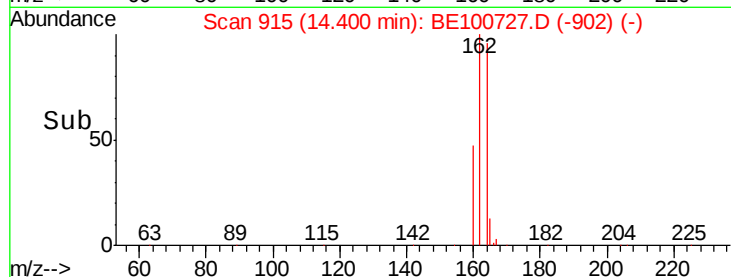
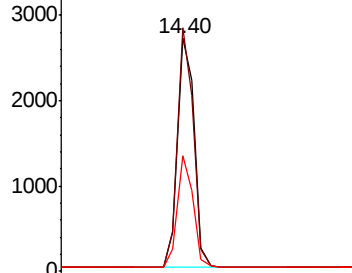
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Instrument :
BNA_E
ClientSampleId :
ICVBE111419

Tot Ion:164 Resp: 4810
Ion Ratio Lower Upper
164 100
162 104.4 77.8 116.8
160 49.7 35.3 52.9

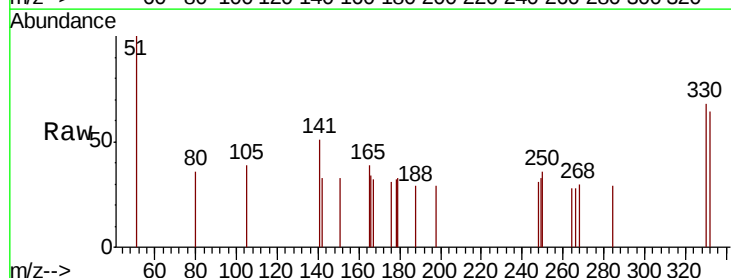


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

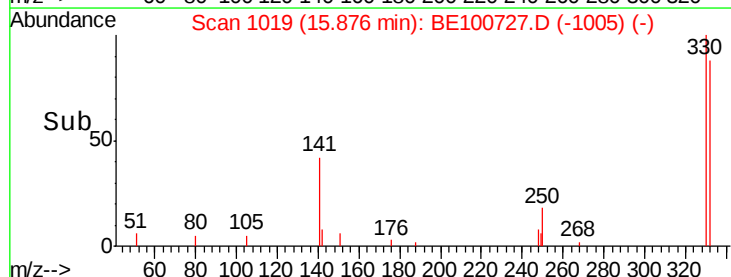
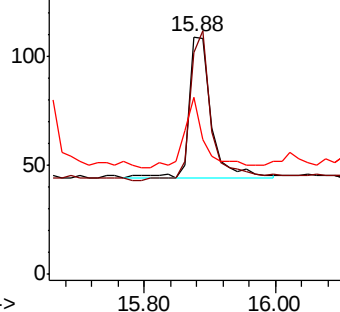


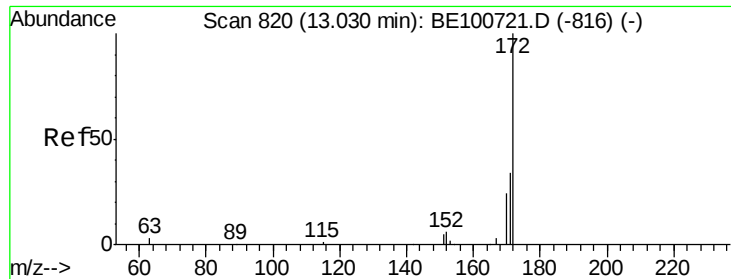
#14
2,4,6-Tribromophenol
Concen: 0.420 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Tgt Ion:330 Resp: 151
Ion Ratio Lower Upper
330 100
332 104.0 85.0 127.6
141 44.4 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

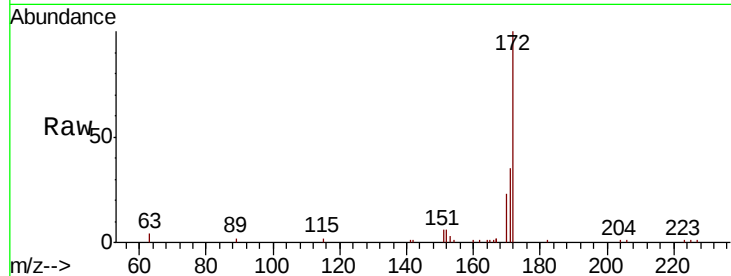




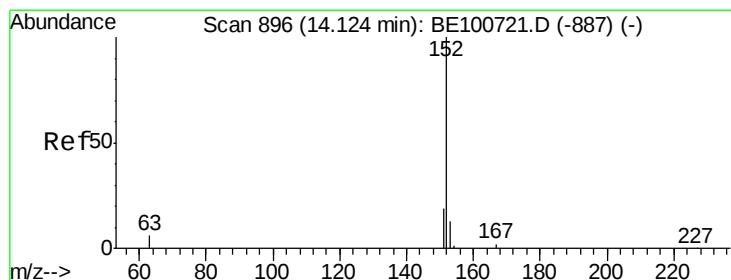
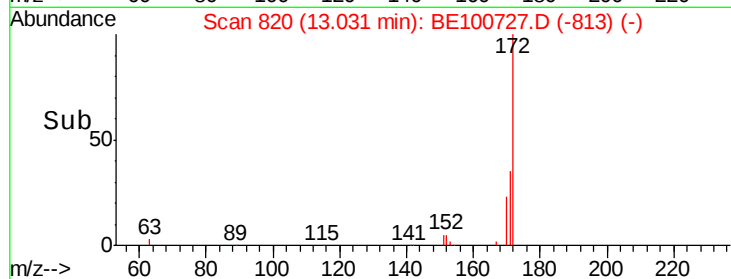
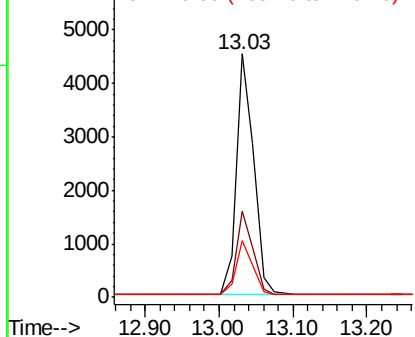
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Instrument :
BNA_E
ClientSampleId :
ICVBE111419

Tot Ion:172 Resp: 7368
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.5 19.8 29.6

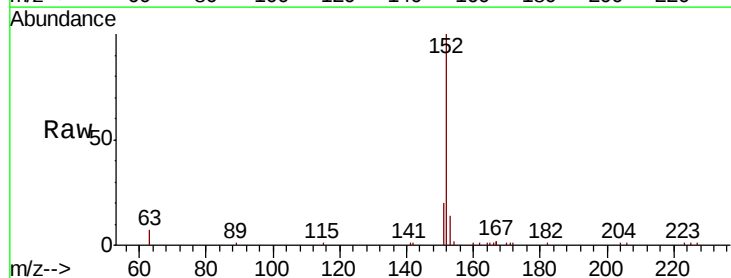


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

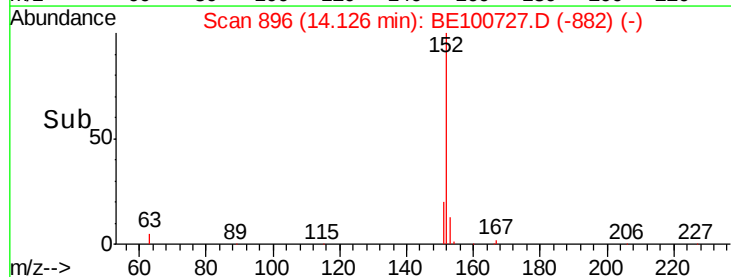
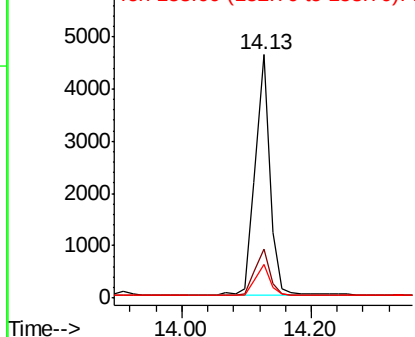


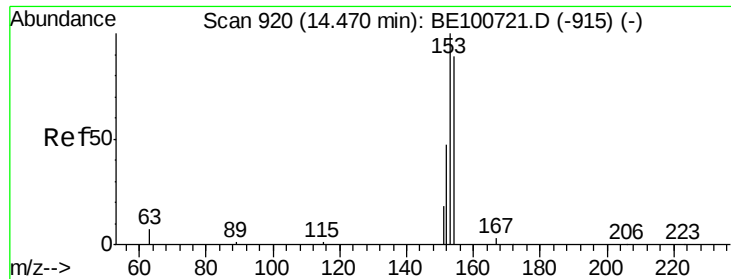
#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Tgt Ion:152 Resp: 7398
Ion Ratio Lower Upper
152 100
151 19.5 14.9 22.3
153 13.3 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

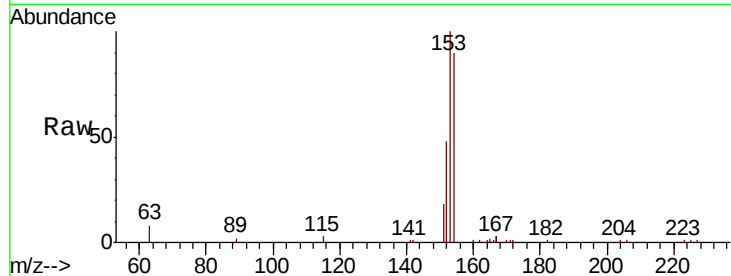




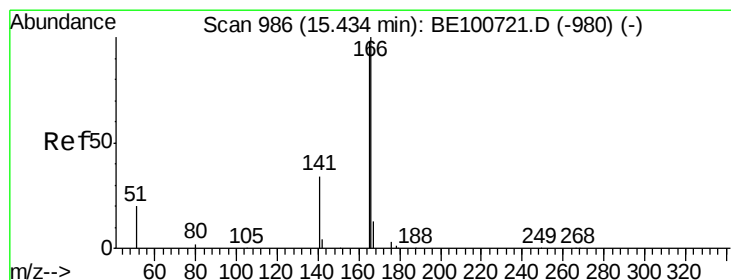
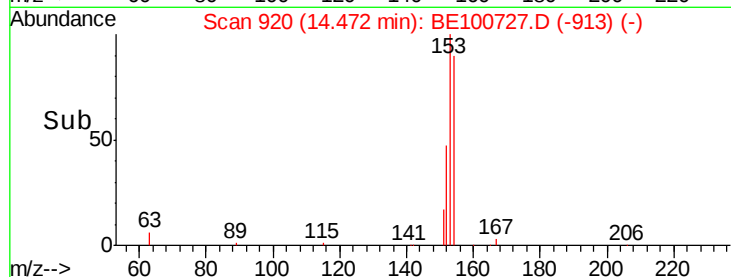
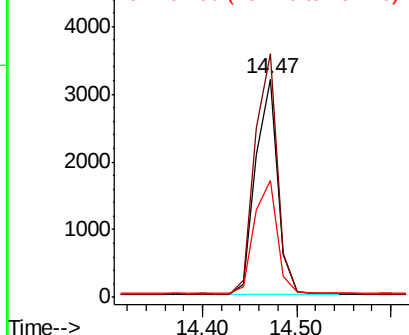
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Instrument :
BNA_E
ClientSampleId :
ICVBE111419

Tot Ion:154 Resp: 5186
Ion Ratio Lower Upper
154 100
153 113.9 91.9 137.9
152 55.2 44.8 67.2

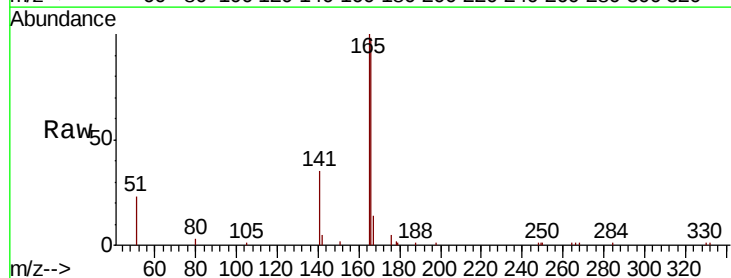


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

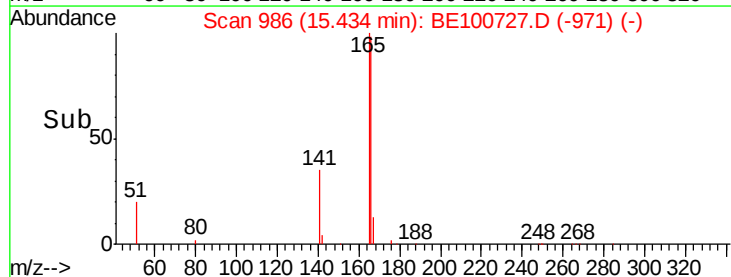
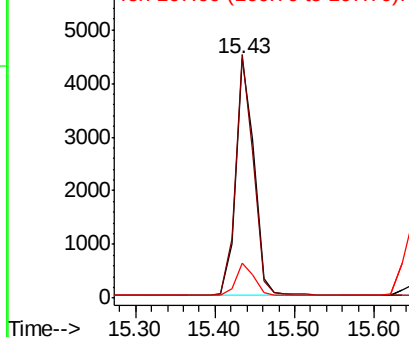


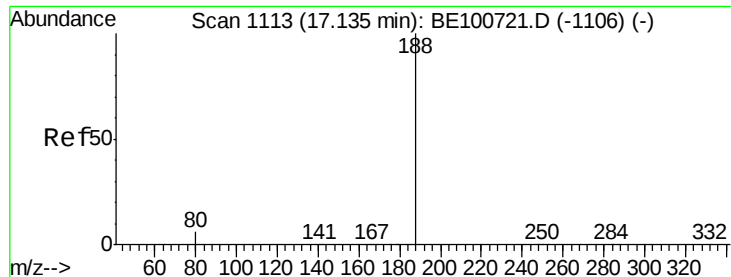
#18
Fluorene
Concen: 0.402 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Tgt Ion:166 Resp: 7032
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.4
167 13.7 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: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

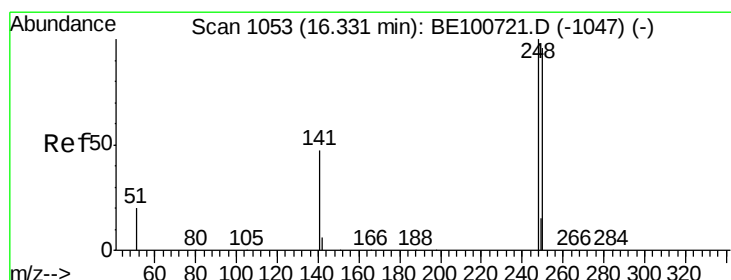
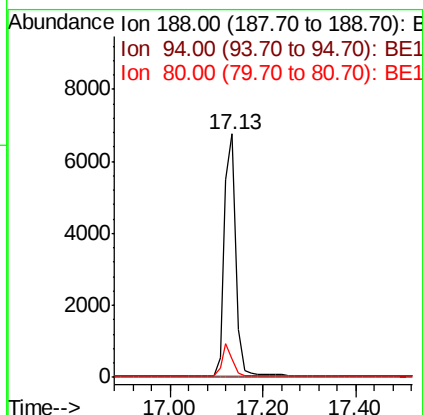
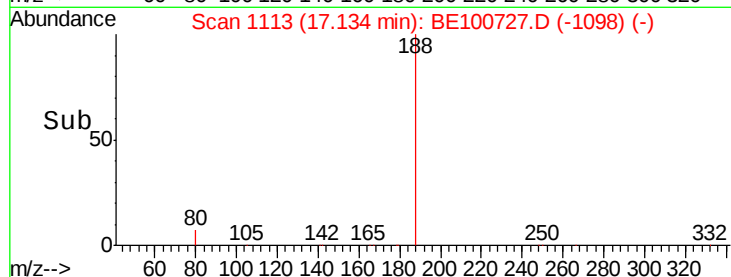
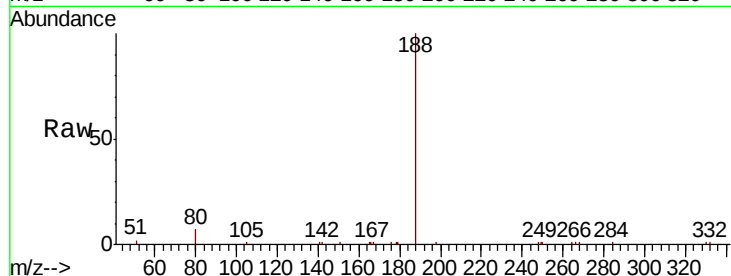
Tot Ion:188 Resp: 11574

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 5.4 8.0



#20

4-Bromophenyl-phenylether

Concen: 0.389 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

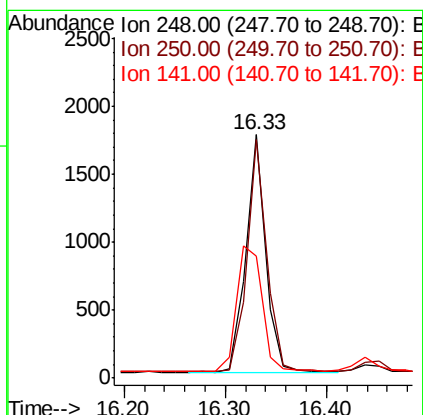
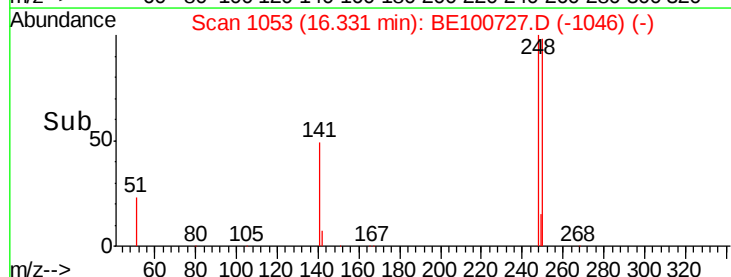
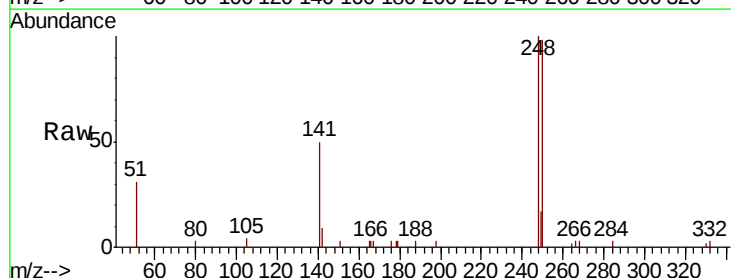
Tgt Ion:248 Resp: 2378

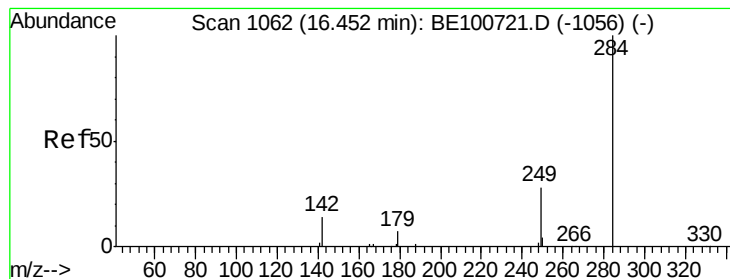
Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

141 50.2 38.6 58.0





#21

Hexachlorobenzene

Concen: 0.402 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

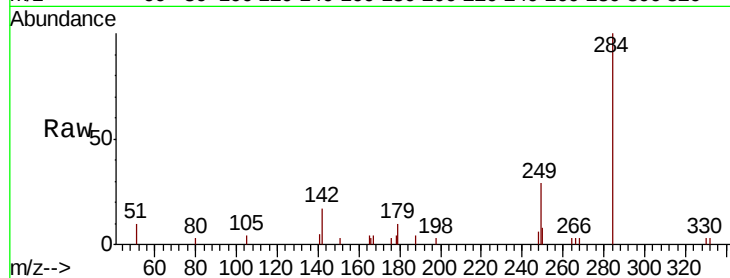
Tot Ion:284 Resp: 2390

Ion Ratio Lower Upper

284 100

142 33.4 28.2 42.2

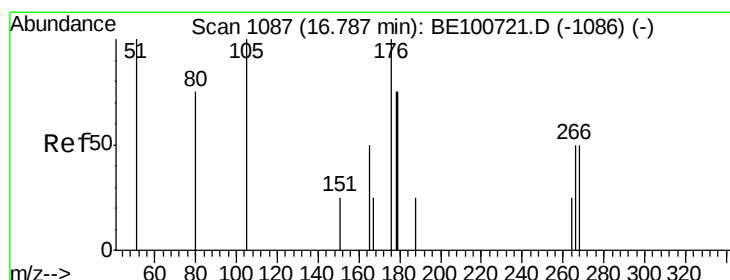
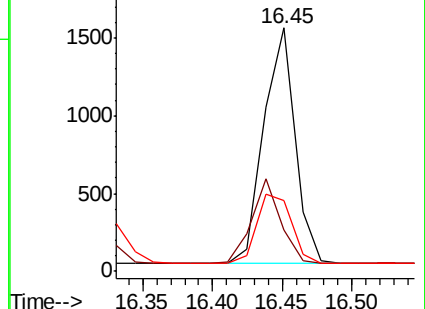
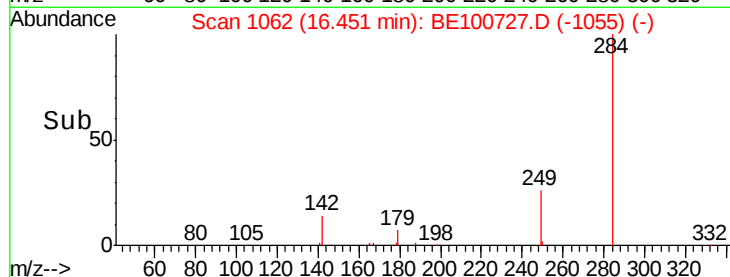
249 32.8 26.5 39.7



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



#22

Pentachlorophenol

Concen: 0.141 ng

RT: 16.81 min Scan# 1089

Delta R.T. 0.03 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

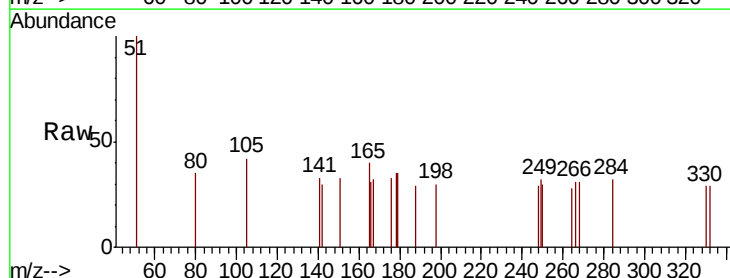
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 91.7 75.0 112.6

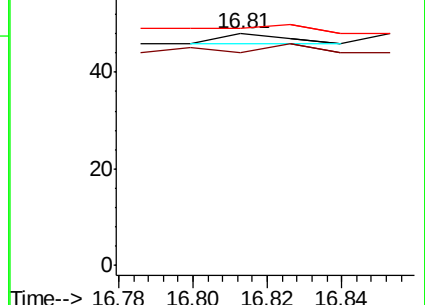
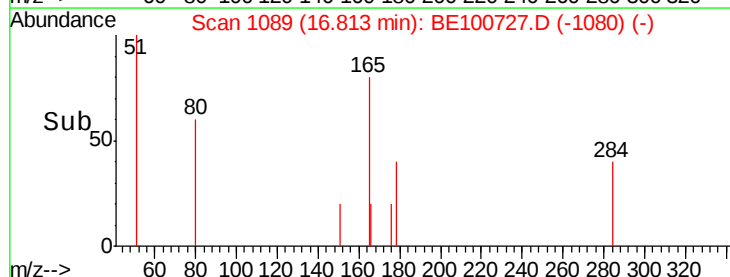
268 102.1 85.0 127.6

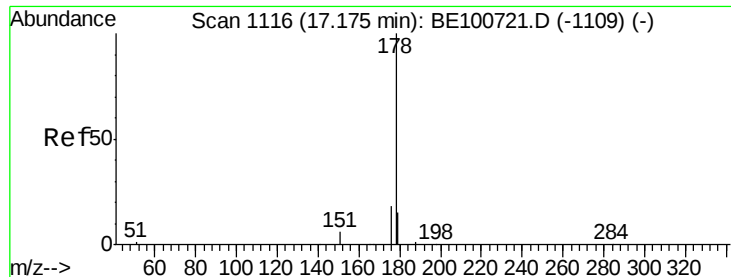


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.411 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

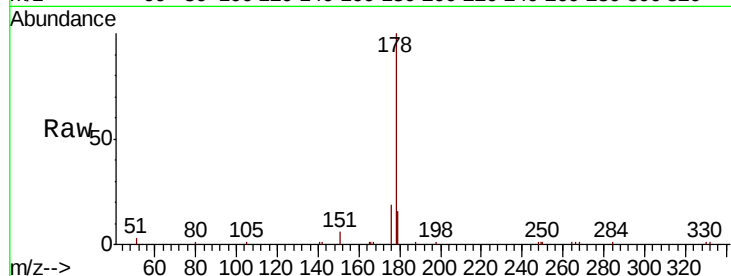
Tot Ion:178 Resp: 12955

Ion Ratio Lower Upper

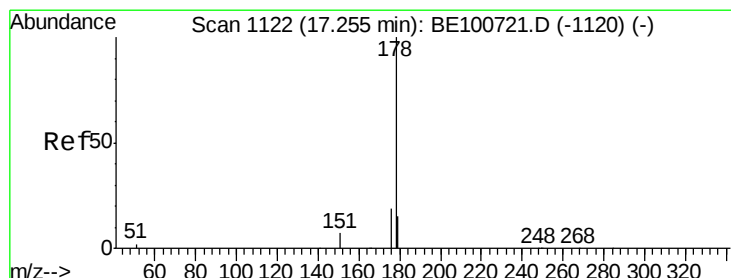
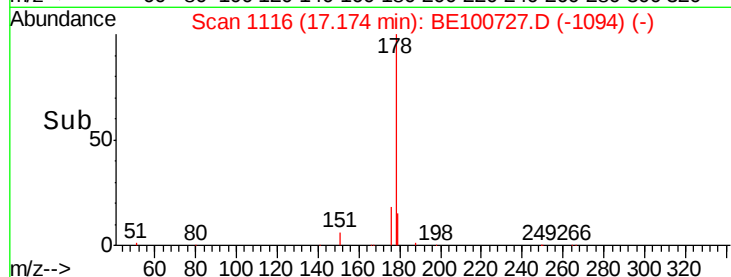
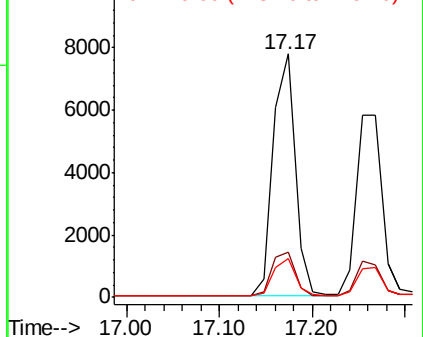
178 100

176 19.0 15.0 22.4

179 15.4 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: 0.387 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

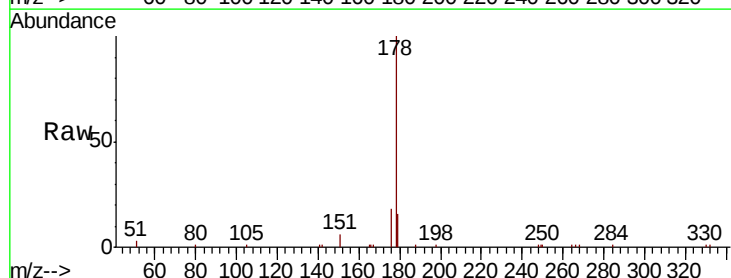
Tgt Ion:178 Resp: 10897

Ion Ratio Lower Upper

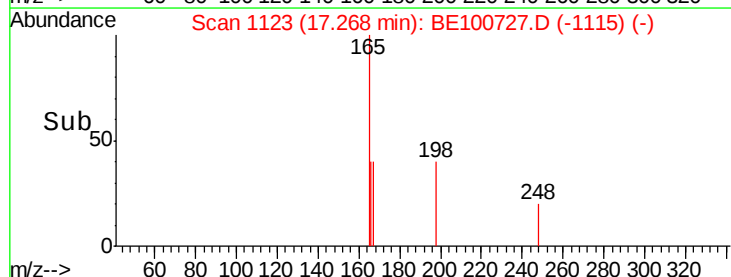
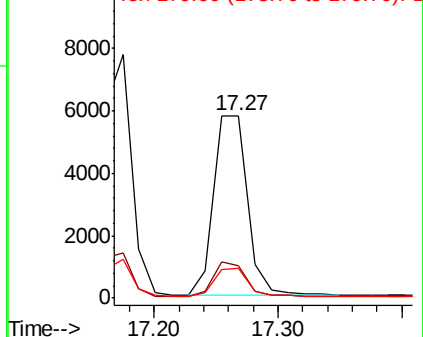
178 100

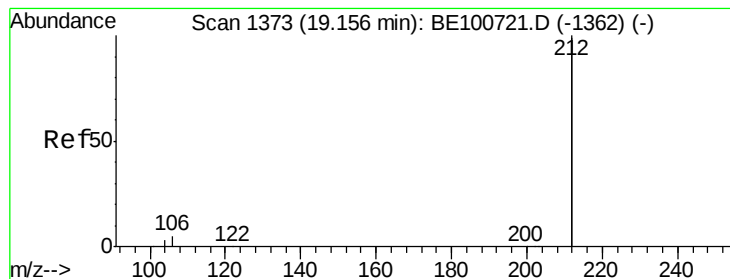
176 18.3 14.6 21.8

179 15.2 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: 0.393 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

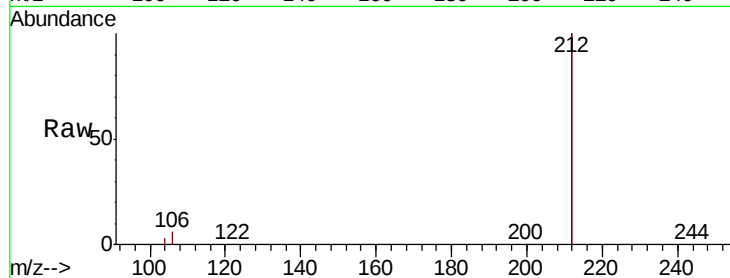
Tot Ion:212 Resp: 60169

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.4

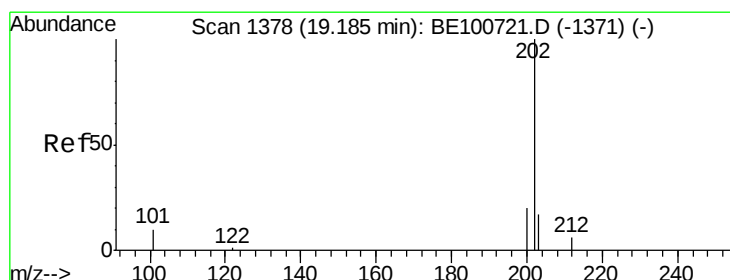
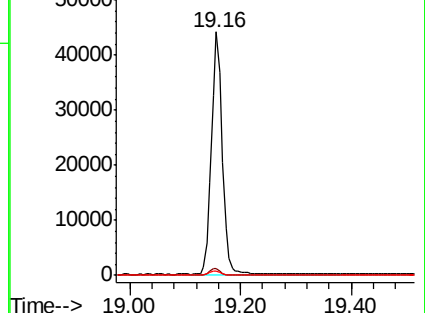
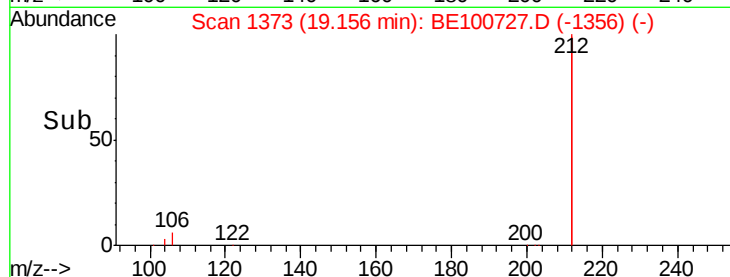
104 1.5 1.2 1.8



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: 0.392 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

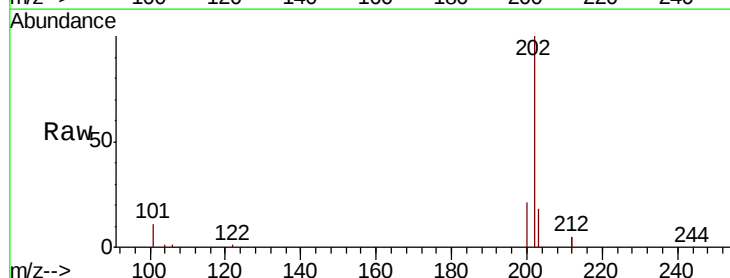
Tgt Ion:202 Resp: 16499

Ion Ratio Lower Upper

202 100

101 10.2 8.6 12.8

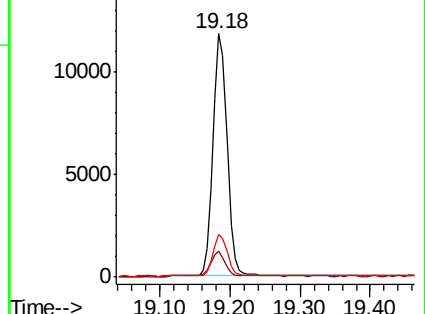
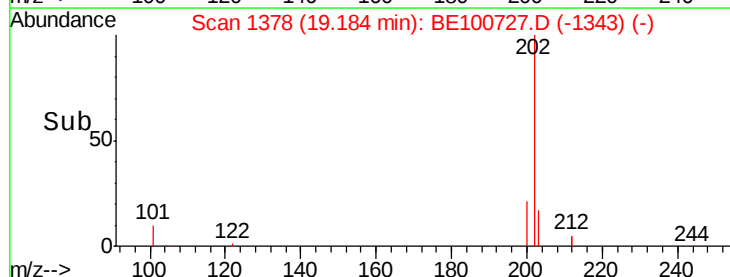
203 17.0 13.6 20.4

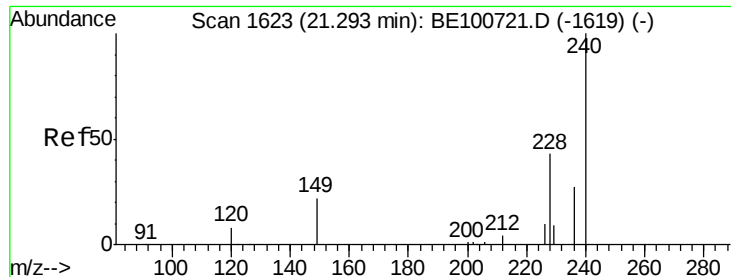


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

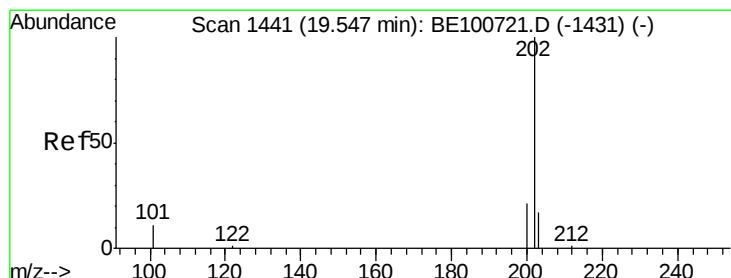
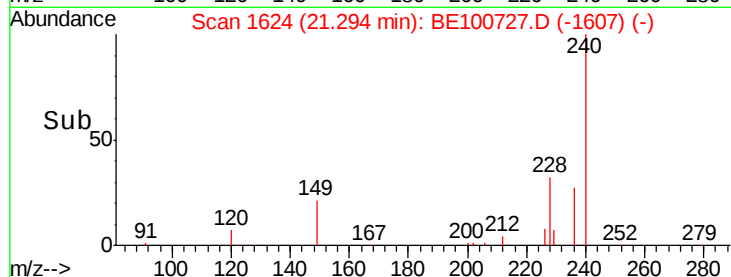
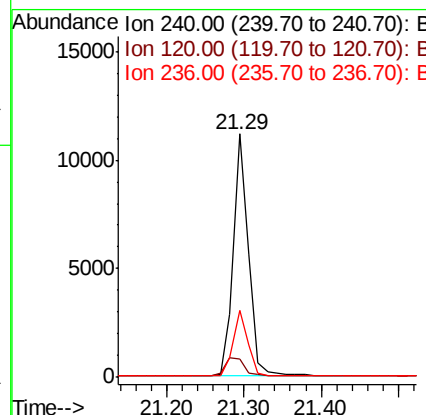
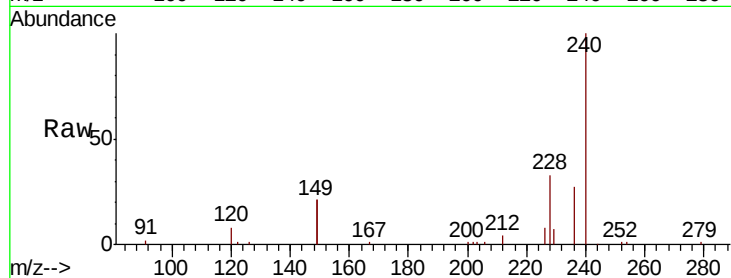




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

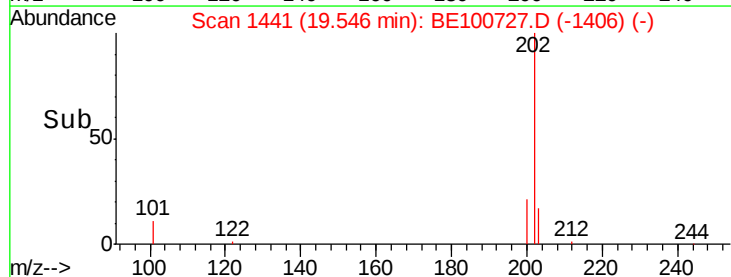
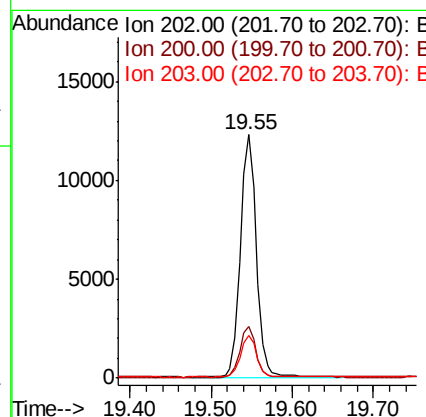
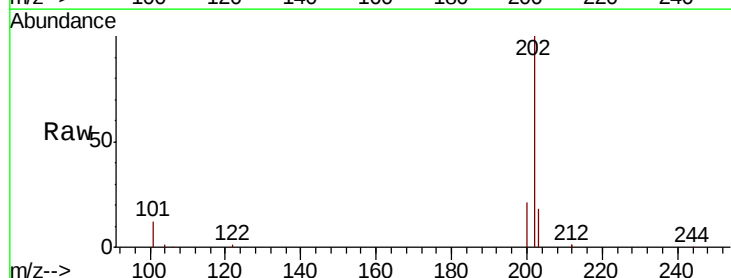
Instrument :
BNA_E
ClientSampleId :
ICVBE111419

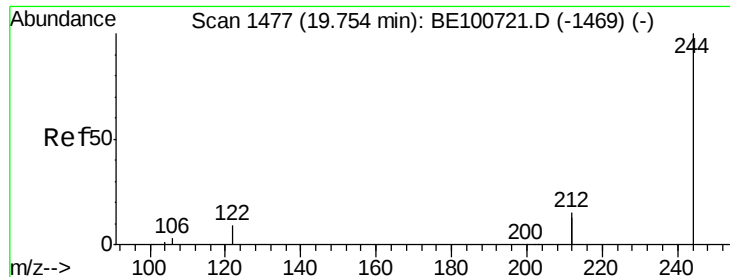
Tot Ion:240 Resp: 15246
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 27.3 21.8 32.6



#28
Pyrene
Concen: 0.395 ng
RT: 19.55 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BE100727.D
Acq: 14 Nov 2019 18:54

Tgt Ion:202 Resp: 16737
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.76 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

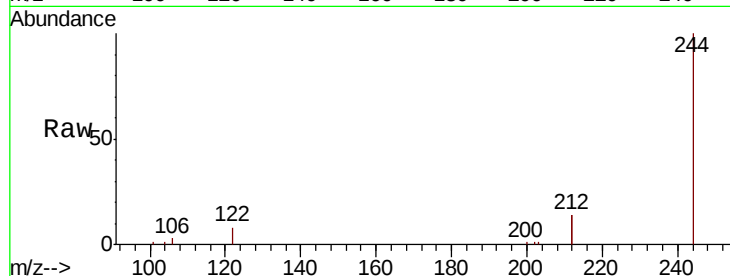
Tot Ion:244 Resp: 14474

Ion Ratio Lower Upper

244 100

212 28.7 24.3 36.5

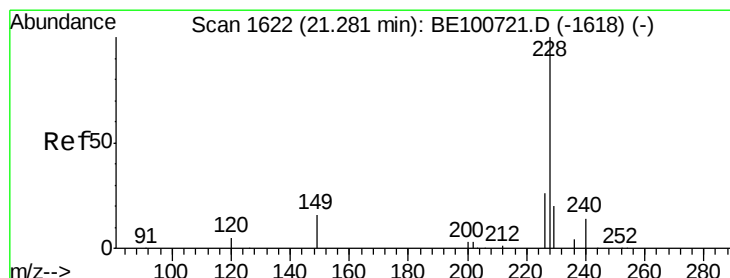
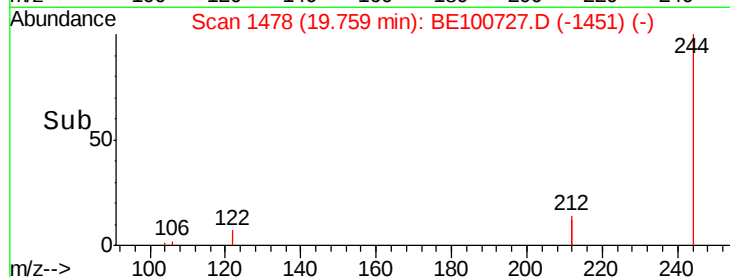
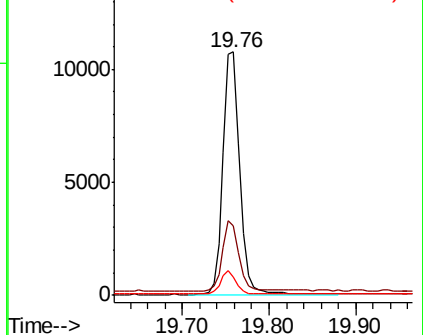
122 7.6 7.6 11.4



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: 0.395 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

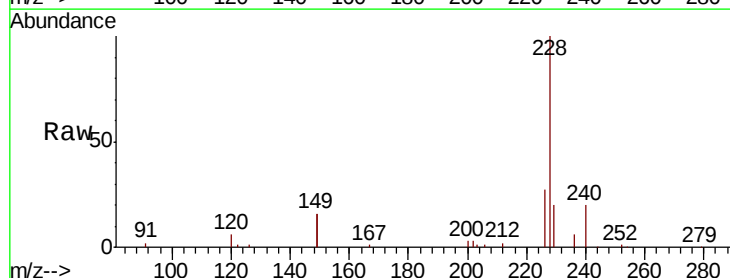
Tgt Ion:228 Resp: 19300

Ion Ratio Lower Upper

228 100

226 26.6 21.1 31.7

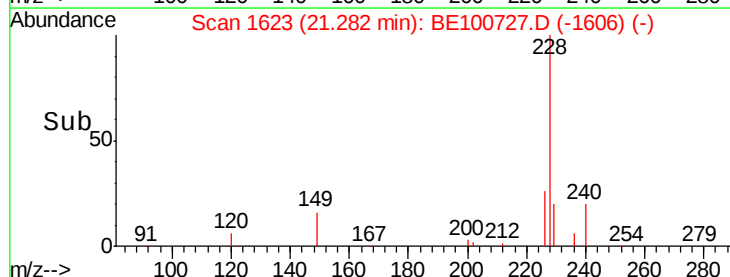
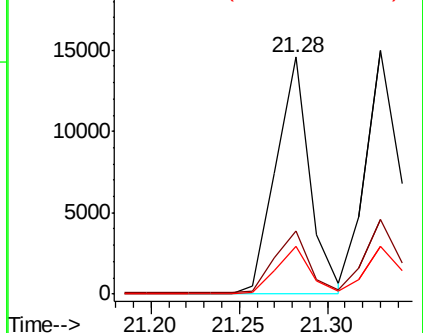
229 20.0 15.9 23.9

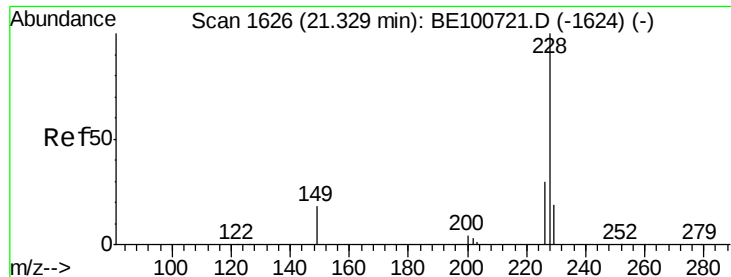


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

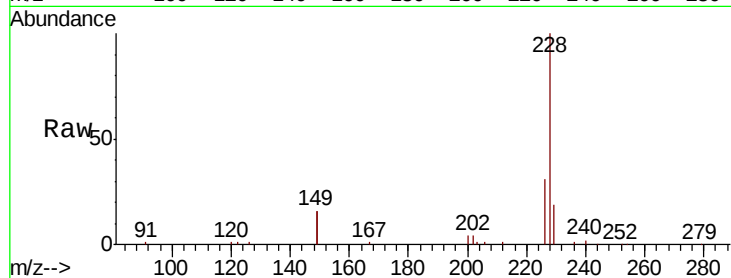
Tot Ion:228 Resp: 19843

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

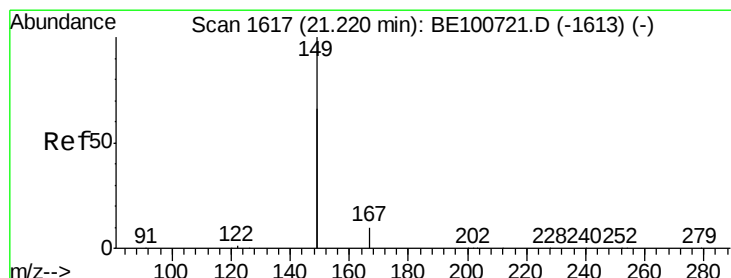
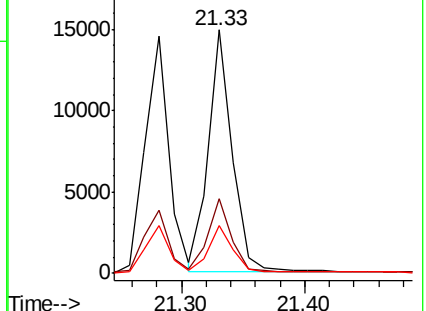
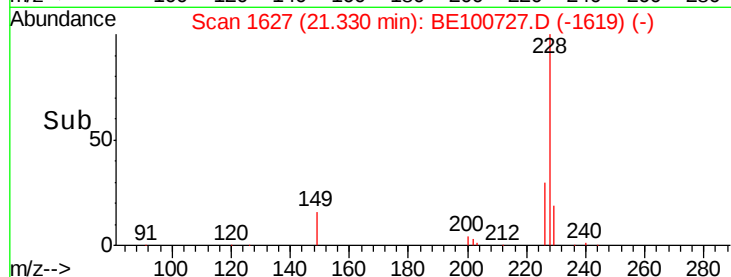
229 19.4 15.5 23.3



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: 0.322 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

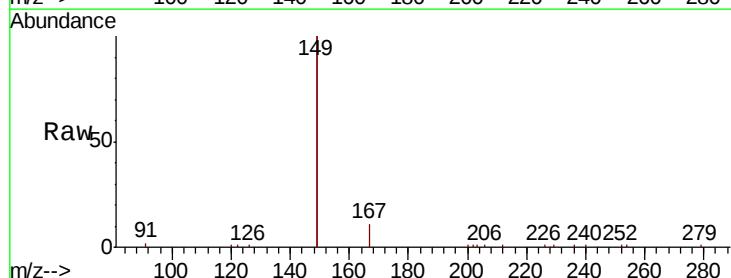
Tgt Ion:149 Resp: 27996

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

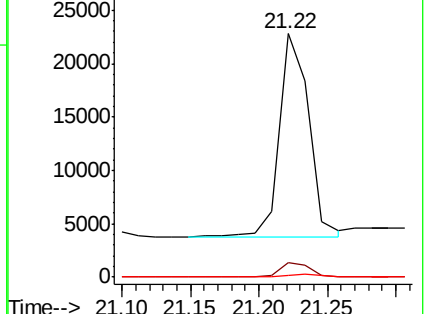
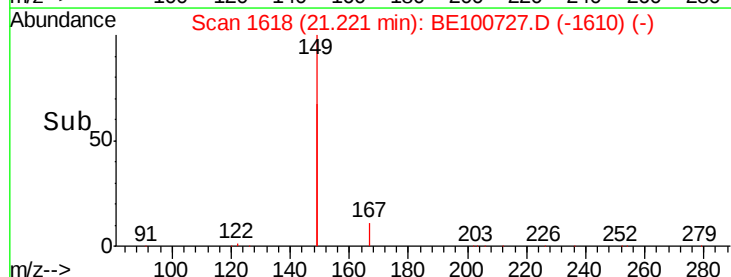
279 1.1 0.9 1.3

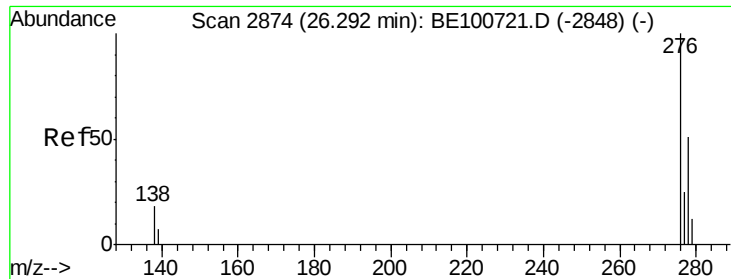


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.396 ng

RT: 26.29 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

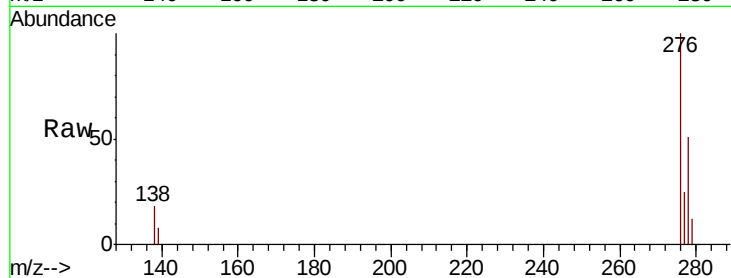
Tot Ion:276 Resp: 23043

Ion Ratio Lower Upper

276 100

138 18.1 14.8 22.2

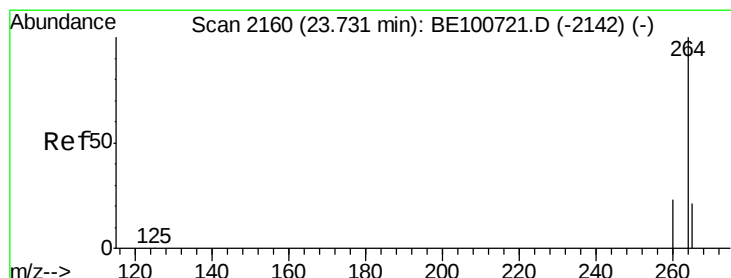
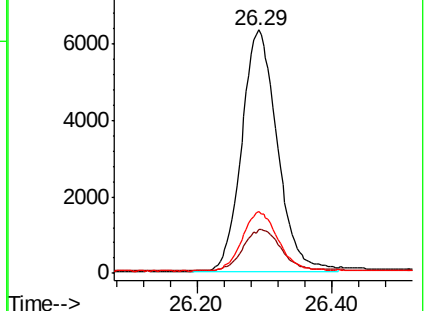
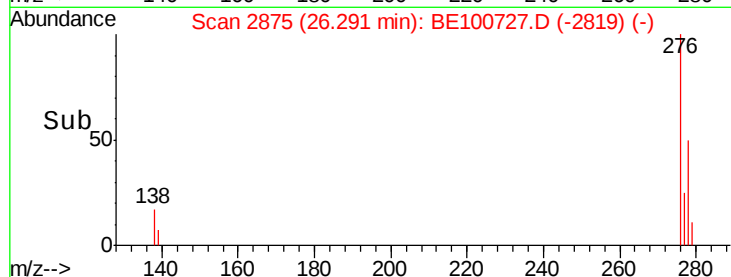
277 24.5 19.6 29.4



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

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

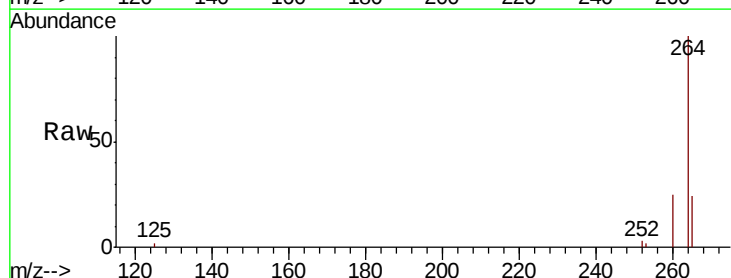
Tgt Ion:264 Resp: 16923

Ion Ratio Lower Upper

264 100

260 25.0 19.1 28.7

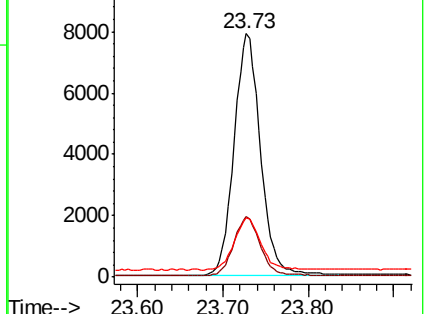
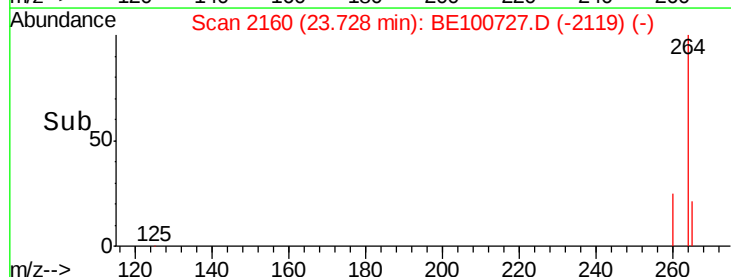
265 24.3 19.7 29.5

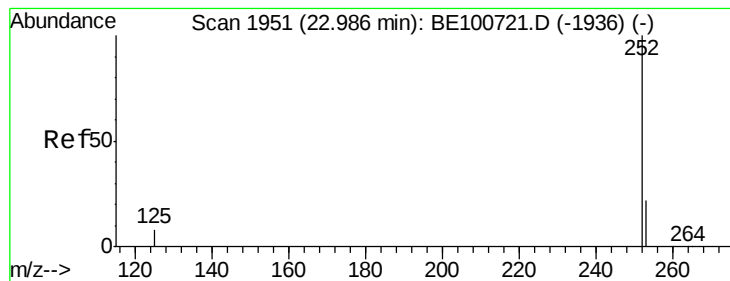


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.402 ng

RT: 22.99 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

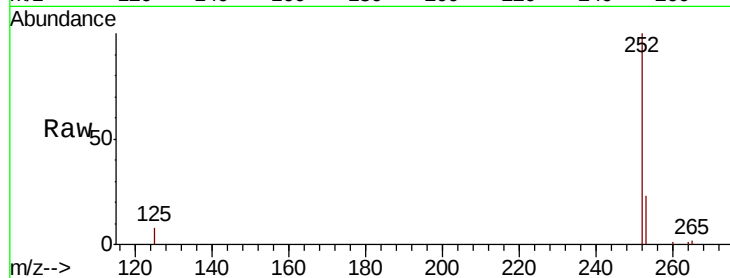
Tot Ion:252 Resp: 19862

Ion Ratio Lower Upper

252 100

253 23.1 18.7 28.1

125 8.3 7.0 10.4

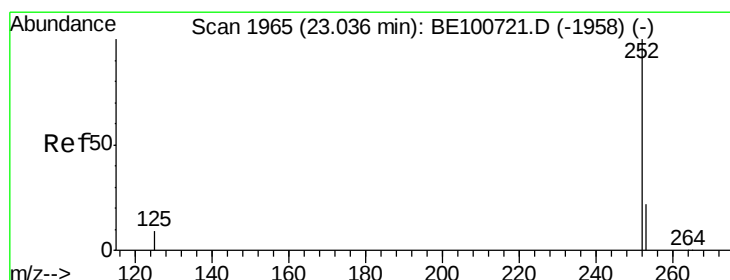
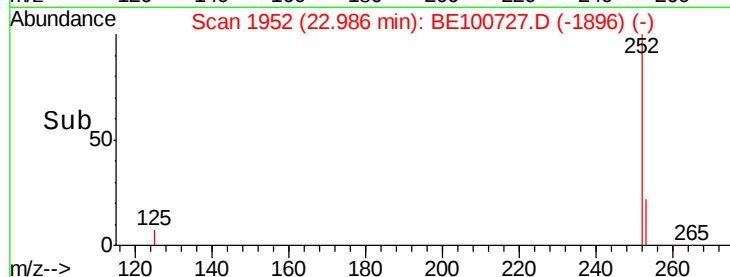
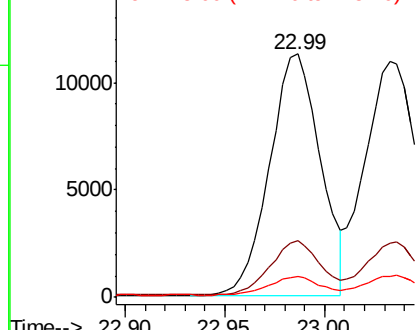


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.407 ng

RT: 23.03 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

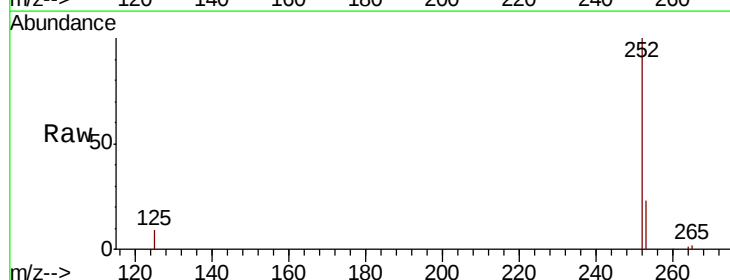
Tgt Ion:252 Resp: 21061

Ion Ratio Lower Upper

252 100

253 22.9 18.6 27.8

125 8.9 7.6 11.4

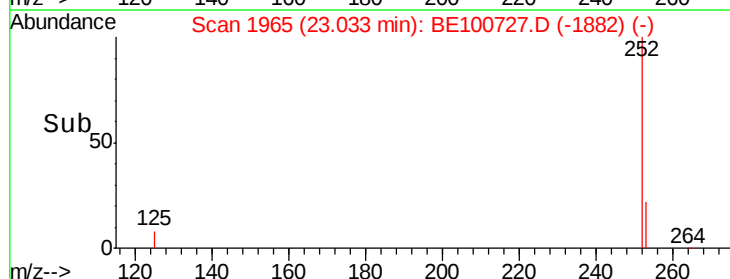
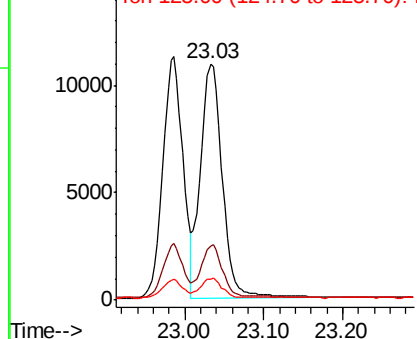


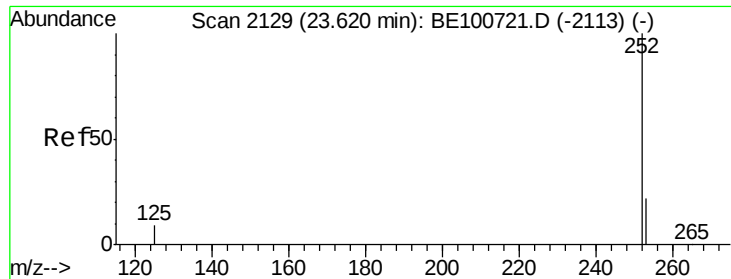
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.403 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

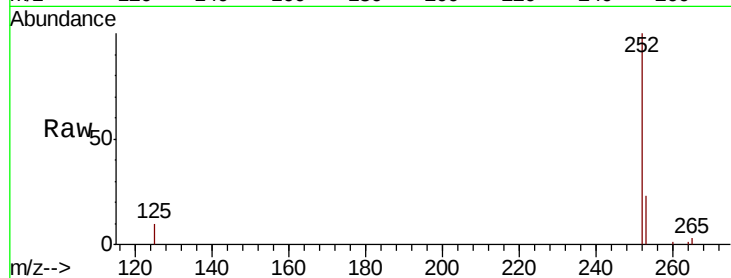
Tot Ion:252 Resp: 18552

Ion Ratio Lower Upper

252 100

253 23.3 18.6 28.0

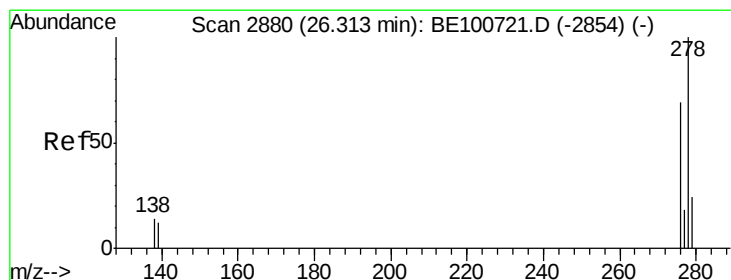
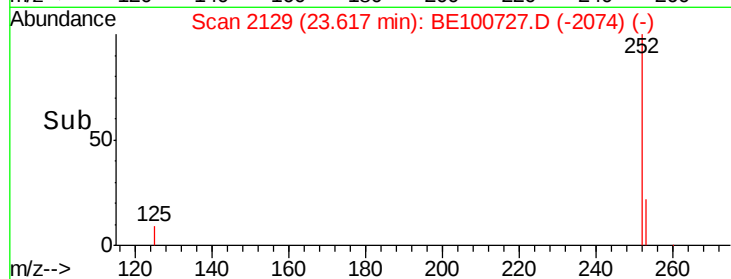
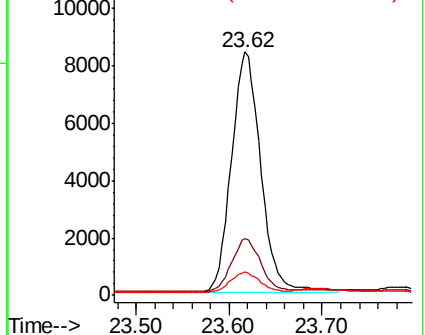
125 9.9 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.397 ng

RT: 26.32 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

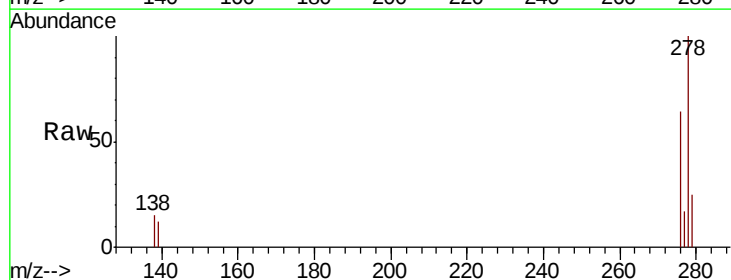
Tgt Ion:278 Resp: 19048

Ion Ratio Lower Upper

278 100

139 12.3 10.3 15.5

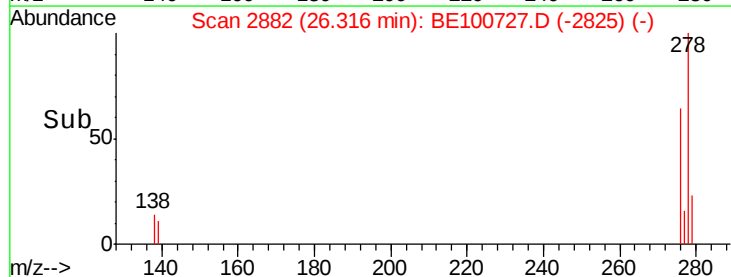
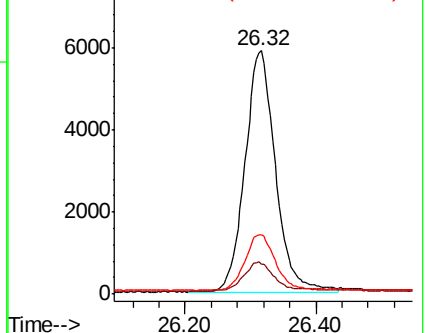
279 24.6 20.6 31.0

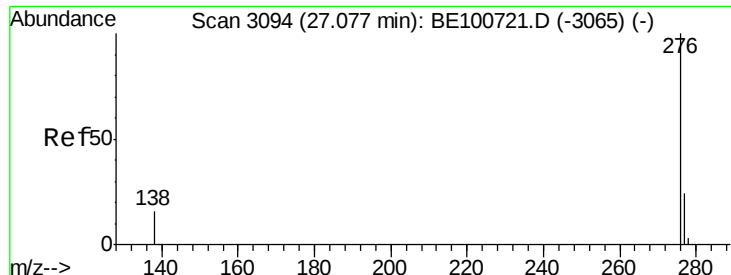


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.407 ng

RT: 27.07 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BE100727.D

Acq: 14 Nov 2019 18:54

Instrument :

BNA_E

ClientSampleId :

ICVBE111419

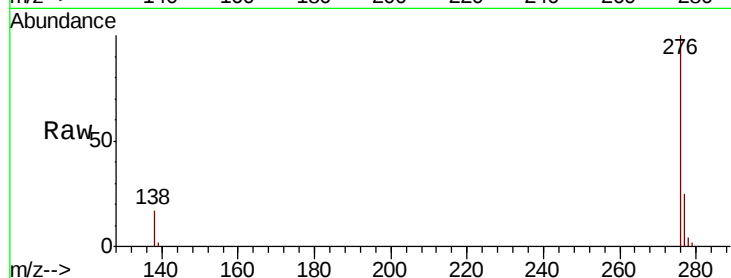
Tot Ion: 276 Resp: 19155

Ion Ratio Lower Upper

276 100

277 24.9 19.8 29.6

138 16.8 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

